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# **MODEL DESIGNATION OF MILITARY AEROSPACE VEHICLES**

**MARCH 1996**



**DEPARTMENT OF DEFENSE  
OFFICE OF THE UNDER SECRETARY OF DEFENSE  
(ACQUISITION AND TECHNOLOGY)**

*19960624 229*



ACQUISITION AND  
TECHNOLOGY

## OFFICE OF THE UNDER SECRETARY OF DEFENSE

3000 DEFENSE PENTAGON  
WASHINGTON DC 20301-3000



March 13, 1996

### FOREWORD

This List is reissued under the authority of DoD Directive 4120.15, "*Designating and Naming Military Aerospace Vehicles*," May 2, 1985. Its purpose is to prescribe uniform procedures for designating and naming aerospace vehicles and to list approved designators and popular names. DoD 4120.15-L, "*Model Designation of Military Aerospace Vehicles*," February 1993, is hereby canceled. This List applies to the Office of the Secretary of Defense, the Military Departments, the Chairman of the Joint Chiefs of Staff, the Unified Combatant Commands, the Inspector General of the Department of Defense, and the Defense Agencies (hereafter referred to collectively as "the DoD Components"). This List will not be supplemented by the DoD Components; however, supplementary instructions for processing aerospace vehicle designations may be issued by heads of the DoD Components only when necessary to provide for unique requirements within their respective Components. This List is effective immediately and is mandatory for use by all DoD Components.

Forward recommended changes to the List to:

HQ USAF/PED  
1070 Air Force Pentagon  
Washington, DC 20330-1070

The DoD Components may obtain copies of this List through their own publication channels. Approved for public release; distribution unlimited. Authorized registered users may obtain copies of this publication from the Defense Technical Information Center, 8725 John J. Kingman Road, STE 0944, Ft. Belvoir, VA 22060-6218. Other Federal Agencies and the public may obtain copies from the U.S. Department of Commerce, National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161. Phone number is (703) 487-4600.

Records responsibility for this publication is assigned to the Systems Division, Directorate of Programs and Evaluation, Headquarters United States Air Force (HQ USAF/PED).

George R. Schneiter  
Director  
Strategic and Tactical Systems



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## REFERENCES

- (a) DoD Directive 4120.15, "*Designating and Naming Military Aerospace Vehicles*," May 2, 1985
- (b) Joint Regulation AFJ1 16-401/AR 70-50/NAVAIRINST 8800.3A, "*Designating and Naming Defense Military Aerospace Vehicles*," September 9, 1994
- (c) Air Force Policy Directive 16-4, "*Accounting for Units, Installations, and Aerospace Vehicles*," September 7, 1993

## **CHAPTER 1**

### **ADMINISTRATIVE GUIDANCE**

#### **A. GENERAL**

Under DoD Directive 4120.15 (reference (a)), this List shall provide a single DoD-wide source document containing approved designations and popular names for all aerospace vehicles. This List also shall include all vehicles being entered into the inventories. Aircraft with standard DoD designations operated by the U.S. Coast Guard also are included. This List includes approved mission design series (MDS) designations through February 23, 1996.

#### **B. OFFICE OF PRIMARY RESPONSIBILITY (OPR)**

The Headquarters (HQ) United States Air Force (USAF) OPR for meeting the responsibilities directed by reference (a) is:

HQ USAF/PED  
1070 Air Force Pentagon  
Washington, D.C. 20330-1070  
Telephone: Commercial: (703) 697-4494  
DSN: 227-4494

#### **C. POINTS OF CONTACT FOR INQUIRIES AND CHANGES**

Each Military Department shall establish a single point of contact (POC) for inquiries. (See list below.) The Air Force single POC, the Configuration/Data Management Branch, Systems Engineering Division, Aeronautical Systems Center, United States Air Force Materiel Command (ASC/ENSD), also shall be the official instrumentality for the Department of Defense responsible for assigning all DoD aerospace vehicle designations and maintaining DoD aerospace vehicle lists. The Army and Navy single POCs shall be the official requestors for their respective Military Departments. Inquiries shall be forwarded to the appropriate Military Department instrumentality. Requests for changes shall be forwarded to HQ USAF/PED through ASC/ENSD. The POCs are listed below:

# MILITARY DEPARTMENTS SINGLE POINTS OF CONTACT

## 1. Air Force and Department of Defense

ASC/ENSD  
Building 126 2664 Skyline Drive  
Wright-Patterson AFB, OH 45433-7800  
Telephone: Commercial: (513) 255-9679  
DSN: 785-7216 Ext 209

## 2. Army

U.S. Army Materiel Command  
ATTN: AMCAQ-M  
5001 Eisenhower Avenue  
Alexandria, Virginia 22333-5001  
Telephone: Commercial: (703) 274-7947  
DSN: 284-7947

## 3. Navy

Commander, Naval Air Warfare Center  
Aircraft Division, Code 4.1.11.1B120-3  
Highway 547  
Lakehurst, NJ 08733-5100  
Telephone: Commercial: (908) 323-2264  
DSN: 624-2264

## CHAPTER 2

### AEROSPACE VEHICLE DESIGNATION SYSTEM

#### A. GENERAL INFORMATION

All DoD aerospace vehicles are assigned designations referred to as MDS designators. This designation system does not permit unique or specified symbols not described in this List. The system also does not designate aerospace vehicles that are of no direct interest to the Department of Defense. A complete description of the designation system is found in the Joint Regulation (reference (b)) and in the appendices to this List. Appendix A describes and lists aircraft designators and Appendix B describes and lists rocket, probe, guided missile, and space system designators. Configuration numbers, block numbers, and serial numbers are not part of an MDS designator but are used to identify further configuration or specific vehicles. These numbers are not listed herein and do not require coordination with ASC/ENSD. The following section defines the general terms used in both appendices.

#### B. DEFINITION OF TERMS

The following definitions of symbols and numbers are listed in the sequence in which they would appear in an aerospace vehicle MDS.

1. Status Prefix (optional). This symbol is used only when needed to indicate that an aerospace vehicle is not standard because of its test, modification, experimental, or prototype design. For aircraft, the symbol appears to the immediate left of the modified mission symbol or basic mission symbol. For rockets and missiles, it is to the immediate left of the launch environment symbol or mission symbol.

2. Modified Mission (aircraft only) (optional). This symbol is used only when needed to identify modifications to the basic mission of an aircraft and appears to the immediate left of the basic mission symbol. Only one modified mission symbol shall be used in any one MDS.

3. Launch Environment (rockets and missiles only) (required). This symbol identifies the launch environment or platform parameters. It appears to the immediate left of the mission symbol. Only one of these symbols shall be used in any one MDS.

4. Basic Mission (required for standard vehicles). This symbol identifies an aerospace vehicle's primary function or capability. For standard vehicles (e.g., bombers, fighters), it appears to the immediate left of the design number separated by a dash. For nonstandard vehicles, when used, it appears to the immediate left of the vehicle type symbol.

5. Vehicle Type (nonstandard vehicles only). This symbol is required only for nonstandard vehicles, such as helicopter, vertical takeoff and landing, missile, space, etc. A **basic mission** or

**modified mission** symbol must accompany the vehicle type symbol. It appears to the immediate left of the design number, separated by a dash.

6. **Design Number (required)**. This number identifies major design changes within the same basic mission. Design numbers run consecutively beginning with "1" for each category. It appears to the immediate right of the basic mission symbol or vehicle type symbol, separated by a dash.

7. **Series (required)**. This symbol identifies the first production model of a particular design number and later models representing major modifications that significantly alter the aerospace vehicle systems components or change the logistics support of the vehicle. Consecutive series symbols, starting with "A", appear to the immediate right of the design number. To avoid confusion, **do not** use the letters "I" and "O" for this symbol.

8. **Configuration or Component Number (rockets and missiles only)**. This number is used only when denoting configuration changes affecting performance, tactics, or integral components of a weapon system that require the same operations or logistics support as the aerospace vehicle. It appears to the immediate right of the series symbol separated by a dash. Each Military Department determines its own method for assigning configuration numbers.

9. **Block Number (aircraft only)**. This number identifies a production group of identically configured aircraft within a particular design series. The numbers are assigned in multiples of five (01, 05 and 10). The Military Departments may reserve intermediate block numbers for field modifications.

10. **Serial Number**. This number identifies a specific aerospace vehicle. Each Military Department determines its own method for assigning serial numbers.

## APPENDIX A

### AEROSPACE VEHICLE MDS FOR AIRCRAFT

#### A. SYMBOLS

The following list outlines the symbols used in aircraft MDS. Figure A-1 shows a sample MDS. A description of each symbol can be found in the Joint Regulation (reference (b)).

<u>Status Prefix</u>	<u>Modified Mission</u>	<u>Basic Mission</u>	<u>Vehicle Type</u>
G Permanently Grounded	A Attack	A Attack	G Glider
J Special Test (Temporary)	C Transport	B Bomber	H Helicopter
N Special Test (Permanent)	D Director	C Transport	S Spaceplane
X Experimental	E Special	E Special	V VTOL/STOL
Y Prototype	Electronic	Electronic	Z Lighter-Than- Air Vehicle
Z Planning	Installation	Installation	
	F Fighter	F Fighter	
	H Search and Rescue	O Observation	
	K Tanker	P Patrol	
	L Cold Weather	R Reconnaissance	
	M Multimission	S Antisubmarine	
	O Observation	T Trainer	
	P Patrol	U Utility	
	Q Drone	X Research	
	R Reconnaissance		
	S Antisubmarine		
	T Trainer		
	U Utility		
	V Staff		
	W Weather		

#### B. APPROVED AIRCRAFT DESIGNATORS

The list of approved MDS designators for all aircraft of direct interest to the Department of Defense starts at page A-3. Aircraft are listed alphabetically by mission symbol, sequentially by design number, and alphabetically by series.

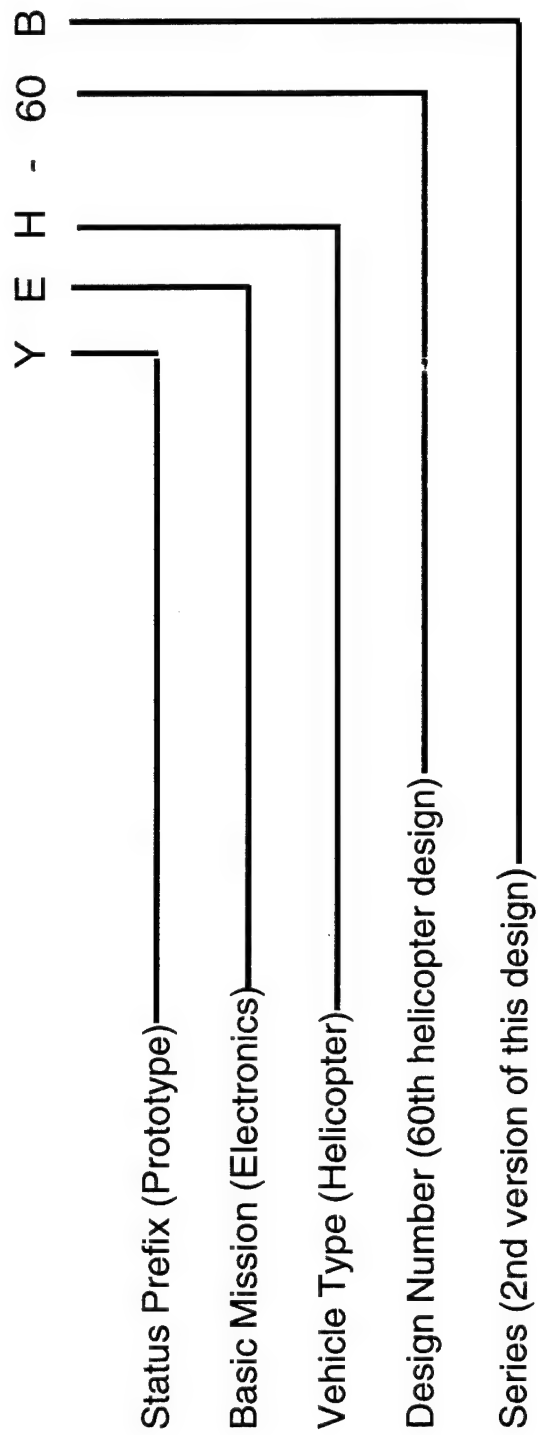


Figure A-1, Sample Aircraft MDS

# ATTACK SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
EA-1E	MCDONNELL DOUGLAS	SKYRAIDER	1 R-3350-26WD WRIGHT	NAVY	LAND OR CARRIER-BASED MULTI-PURPOSE AIRCRAFT USED FOR ATTACK BOMBER, UTILITY, EARLY WARNING AND ASW SEARCH OPERATIONS (3 CREW).
A-3A	MCDONNELL DOUGLAS	SKYWARRIOR	2 J57-P-6B	NAVY	SWEPT HIGH WING, CARRIER-BASED, HIGH PERFORMANCE ATTACK AIRCRAFT WITH TRICYCLE LANDING GEAR (3 CREW).
NA-3A	MCDONNELL DOUGLAS	SKYWARRIOR	2 J57-P-6B	NAVY	A-3A CONFIGURED FOR PERMANENT TEST.
A-3B	MCDONNELL DOUGLAS	SKYWARRIOR	2 J57-P-10	NAVY	UPGRADED A-3A ADAPTABLE TO MINING MISSIONS.
EA-3B	MCDONNELL DOUGLAS	SKYWARRIOR	2 J57-P-10	NAVY	A-3B EQUIPPED FOR ELECTRONIC COUNTERMEASURES (7 CREW).
KA-3B	MCDONNELL DOUGLAS	SKYWARRIOR	2 J57-P-10	NAVY	A-3B MODIFIED AS TANKER.
NA-3B	MCDONNELL DOUGLAS	SKYWARRIOR	2 J57-P-10	NAVY	A-3B MODIFIED FOR TESTING AIRCRAFT WIRING, AIRFRAME, AND SUPPORT EQUIPMENT.
RA-3B	MCDONNELL DOUGLAS	SKYWARRIOR	2 J57-P-10	NAVY	A-3B EQUIPPED FOR PHOTOGRAPHY (3 CREW).
TA-3B	MCDONNELL DOUGLAS	SKYWARRIOR	2 J57-P-10	NAVY	A-3B EQUIPPED FOR BOMBARDIER/NAVIGATOR TRAINING (8 CREW). ALSO STAFF TRANSPORT VERSION (3 CREW).
UA-3B	MCDONNELL DOUGLAS	SKYWARRIOR	2 J57-P-10	NAVY	NRA-3B MODIFIED TO PROVIDE LIMITED CARRIER DELIVERY AND NAVIGATOR/PILOT TRAINING.

A-3



# ATTACK SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
EKA-3B	MCDONNELL DOUGLAS	SKYWARRIOR	2 J57-P-10	NAVY	A-3B CONFIGURED FOR TANKER/AIRCRAFT/COUNTERMEASURES OR STRIKE (TACOS) MISSION.
ERA-3B	MCDONNELL DOUGLAS	SKYWARRIOR	2 J57-P-10	NAVY	RA-3B MODIFIED TO FLEET ELECTRONIC WARFARE SUPPORT GROUP CONFIGURATION.
NRA-3B	MCDONNELL DOUGLAS	SKYWARRIOR	2 J57-P-10	NAVY	A-3B EQUIPPED AS TESTBED FOR HARPOON AND CRUISE MISSILE GUIDANCE SYSTEMS.
TA-4B	MCDONNELL DOUGLAS	SKYHAWK	1 J65-W-16A/-20	NAVY	SMALL, SINGLE-SEAT, DELTA WING, CARRIER-BASED, ATTACK AIRCRAFT WITH TRICYCLE LANDING GEAR AND INFLIGHT REFUELING CAPABILITY.
A-4C	MCDONNELL DOUGLAS	SKYHAWK	1 J65-W-16A/-20	NAVY	TA-4B AIRCRAFT WITH LONGER NOSE, UPGRADED ENGINE, AND LIMITED WEATHER CAPABILITY (1 CREW).
A-4E	MCDONNELL DOUGLAS	SKYHAWK	1 J52-P-6A/-8A/-8B	NAVY	IMPROVED A-4 WITH DIFFERENT ENGINE AND 2 ADDITIONAL WING BOMB RACK STATIONS (1 CREW).
NA-4E	MCDONNELL DOUGLAS	SKYHAWK	1 J52-P-6A/-8A/-8B	NAVY	A-4E CONFIGURED FOR PERMANENT TEST.
A-4F	MCDONNELL DOUGLAS	SKYHAWK	1 J52-P-8A/-8B	NAVY	IMPROVED A-4 WITH NEW ENGINE, EJECTION SEAT, LIFT SPOILERS, NOSE WHEEL STEERING, AND IMPROVED AVIONICS (1 CREW).
EA-4F	MCDONNELL DOUGLAS	SKYHAWK	1 J52-P-6A/-6B/-8A	NAVY	TA-4F MODIFIED FOR ECM MISSIONS.

# ATTACK SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
NA-4F	MCDONNELL DOUGLAS	SKYHAWK	1 J52-P-8A/-8B	NAVY	A-4F CONFIGURED FOR PERMANENT TEST.
TA-4F	MCDONNELL DOUGLAS	SKYHAWK	1 J52-P-6A/-6B/-8A	NAVY	A-4F MODIFIED WITH DUAL CONTROLS AND LONGER FORWARD FUSELAGE (2 CREW).
NTA-4F	MCDONNELL DOUGLAS	SKYHAWK	1 J52-P-6A	NAVY	TA-4F CONFIGURED FOR PERMANENT TEST.
TA-4J	MCDONNELL DOUGLAS	SKYHAWK	1 J52-P-6A	NAVY	TA-4F EQUIPPED FOR SHRIKE, BULLPUP, BUDDY STORE REFUELING, AN/APG-53 RADAR DOPPLER, AND AN/ASN/41 NAVIGATION COMPUTER. PRIMARILY CONFIGURED FOR ADVANCED TRAINING COMMAND.
NTA-4J	MCDONNELL DOUGLAS	SKYHAWK	1 J52-P-6A	NAVY	TA-4J AIRCRAFT PERMANENTLY CONFIGURED AS TEST BED.
A-4L	MCDONNELL DOUGLAS	SKYHAWK	1 J65-W-20	NAVY	A-4C WITH NEW ENGINE, WINGLIFT SPOILERS, WALLEYE AND SHRIKE CAPABILITY, AND IMPROVED AVIONICS.
A-4M	MCDONNELL DOUGLAS	SKYHAWK	1 J52-P-408	NAVY	A-4F WITH NEW ENGINE, ENLARGED CANOPY, INCREASED AMMUNITION CAPACITY, AND DRAG CHUTE.
NA-4M	MCDONNELL DOUGLAS	SKYHAWK	1 J52-P-408	NAVY	A-4M CONFIGURED FOR PERMANENT TEST.
OA-4M	MCDONNELL DOUGLAS	SKYHAWK	1 J52-P-6A/-6B/-8A	NAVY	A-4M MODIFIED FOR USE BY MARINE CORPS IN HIGH-SPEED RECONNAISSANCE AND TACTICAL AIR CONTROL.

# ATTACK SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
RA-5C	NORTH AMERICAN ROCKWELL	VIGILANTE	2 J79-GE-8B/-8C/-10	NAVY	AIRBORNE PLATFORM FOR INTEGRATED OPERATIONAL INTELLIGENCE SYSTEM (IOIS). PROVIDES ALL-WEATHER TACTICAL INTELLIGENCE USING PHOTO, RADAR, INFRARED, AND ELECTRONICS TECHNIQUES.
A-6A	GRUMMAN	INTRUDER	2 J52-P-6A/-6B/-8A/-8B	NAVY	ALL-WEATHER, LOW-ALTITUDE, CARRIER-BASED ATTACK AIRCRAFT FOR LAND AND SEA INTERDICTION AND CLOSE AIR SUPPORT (2 CREW).
EA-6A	GRUMMAN	INTRUDER	2 J52-P-8A/-8B	NAVY	A-6A CONFIGURED FOR TACTICAL ECM MISSION (2 CREW).
JA-6A	GRUMMAN	INTRUDER	2 J52-P-6A/-6B/-8A/-8B	NAVY	A-6A MODIFIED AS TESTBED FOR CIRCULATION CONTROL WING (CCW) R&D EFFORT.
NA-6A	GRUMMAN	INTRUDER	2 J52-P-6A/-6B/-8A/-8B	NAVY	A-6A CONFIGURED FOR PERMANENT TEST.
A-6B	GRUMMAN	INTRUDER	2 J52-P-6A/-8A	NAVY	IMPROVED A-6A CONFIGURED FOR STANDARD ANTI-RADAR MISSILE SYSTEM (ARM).
EA-6B	GRUMMAN	PROMLER	2 J52-P-8A/-8B/-408	NAVY	IMPROVED EA-6A WITH LONGER FUSELAGE, MORE VERSATILE ELECTRONIC SURVEILLANCE SYSTEM AND MORE POWERFUL JAMMERS (4 CREW).
A-6C	GRUMMAN	INTRUDER	2 J52-P-8A	NAVY	TRIM VERSION OF A-6A WITH BEACON RECEIVER SYSTEM, MULTISENSOR DISPLAYS AND REMOVABLE CENTERLINE POD CONTAINING DIANE INTEGRATED ELECTRO-OPTICAL SENSORS.
KA-6D	GRUMMAN	INTRUDER	2 J52-P-6A/-8A	NAVY	A-6A MODIFIED FOR AERIAL REFUELING (2 CREW).

# ATTACK SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
A-6E	GRUMMAN	INTRUDER	2 J52-P-8A/-8B	NAVY	IMPROVED A-6A.
NA-6E	GRUMMAN	INTRUDER	2 J52-P-8B	NAVY	A-6E RECONFIGURED FOR TEST AND EVALUATION OPERATIONS.
A-6F	GRUMMAN	INTRUDER	2 F404-GE-4000	NAVY	A-6E MODIFIED WITH ADVANCED RADAR AND ARMAMENT SYSTEM ALONG WITH HIGHER THRUST ENGINES AND INCREASED LANDING WEIGHT.
A-7A	LTV AEROSPACE	CORSAIR II	1 TF30-P-6	NAVY	LIGHT, SINGLE-PLACE, CARRIER-BASED, ATTACK AIRCRAFT. USED PRIMARILY FOR TACTICAL STRIKE, CLOSE AIR SUPPORT, AND INTERDICTION MISSIONS.
NA-7A	LTV AEROSPACE	CORSAIR II	1 TF30-P-6	NAVY	A-7A CONFIGURED FOR PERMANENT TEST.
A-7B	LTV AEROSPACE	CORSAIR II	1 TF30-P-8/-408	NAVY	IMPROVED A-7A WITH NEW ENGINE AND VARIABLE POSITION FLAPS.
A-7C	LTV AEROSPACE	CORSAIR II	1 TF30-P-8/-408	NAVY	IMPROVED A-7B WITH NAV WEAPONS DELIVERY SYSTEM. CARRIES 1 20MM M61A1 GUN.
NA-7C	LTV AEROSPACE	CORSAIR II	1 TF30-P-8/-408	NAVY	A-7C CONFIGURED FOR PERMANENT TEST.
TA-7C	LTV AEROSPACE	CORSAIR II	1 TF30-P-8/-408	NAVY	A-7B AND A-7C AIRCRAFT MODIFIED AS CARRIER REPLACEMENT AIR WING (CRAW) TRAINERS (2 CREW).
A-7D	LTV AEROSPACE	CORSAIR II	1 TF41-A-1	AF	AIR FORCE VERSION OF A-7A.
YA-7D	LTV AEROSPACE	CORSAIR II	1 TF41-A-1	AF	PROTOTYPE A-7D.
A-7E	LTV AEROSPACE	CORSAIR II	1 TF41-A-2	NAVY	IMPROVED A-7B WITH NEW NAV WEAPONS DELIVERY SYSTEM AND 1 20MM M61A1 GUN.

A-7

# ATTACK SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
NA-7E	LTV AEROSPACE	CORSAIR II	1 TF41-A-2	NAVY	A-7E CONFIGURED FOR PERMANENT TEST.
YA-7F	LTV AEROSPACE	NONE	1 F100-PW-200E	AF	PROTOTYPE FOR THE A-7 UPGRADE PROGRAM.
A-7G	LTV AEROSPACE	CORSAIR II	1 TF41-A-2	NAVY/SWIS	A-7 WITH AIRFRAME AND EQUIPMENT CHANGES FOR SWISS GOVERNMENT.
A-7K	LTV AEROSPACE	CORSAIR II	1 TF41-A-2	AF	TWO SEAT VERSION OF A-7D.
EA-7L	LTV AEROSPACE	CORSAIR II	1 TF-30-P-408 TF-41-A-2	NAVY	TA-7C MODIFIED TO FLEET ELECTRONIC WARFARE SUPPORT GROUP (FEWSG) CONFIGURATION.
A-7P	LTV AEROSPACE	CORSAIR II	1 TF30-P-408	NAVY/PORT	IMPROVED A-7C MODIFIED FOR PORTUGUESE GOVERNMENT.
TA-7P	LTV AEROSPACE	CORSAIR II	1 TF30-P-408	NAVY/PORT	TWO SEAT TRAINING VERSION OF A-7P FOR PORTUGUESE GOVERNMENT.
A-10A	FAIRCHILD HILLER	THUNDERBOLT II	2 TF34-GE-100	AF	CLOSE AIR SUPPORT AIRCRAFT WITH SHORT FIELD LANDING AND TAKEOFF CAPABILITY. SURVIVABILITY INCREASED BY ARMOR PROTECTION AND REDUNDANT SYSTEMS (1 CREW).
OA-10A	FAIRCHILD HILLER	NONE	2 TF34-GE-100	AF	AIRCRAFT REOLED TO FULFILL THE FORWARD AIR CONTROL (FAC) MISSION.
YA-10A	FAIRCHILD HILLER	THUNDERBOLT II	2 TF34-GE-100	AF	A-10A PROTOTYPE.
A-10B	FAIRCHILD HILLER	THUNDERBOLT II	2 TF34-GE-100	AF	TWO SEAT VERSION OF A-10A.

# ATTACK SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
YA-10B	FAIRCHILD HILLER	THUNDERBOLT II	2 TF34-GE-100	AF	A-10B PROTOTYPE.
A-12A	MCDONNELL DOUGLAS/GD	AVENGER	2 F404-GE-F502	NAVY	ALL WEATHER, TWO-CREW ATTACK AIRCRAFT. CARRIER BASED USED FOR LAND AND SEA INTERDICTION AND CLOSE AIR SUPPORT.
A-18A	MCDONNELL DOUGLAS/NORTHROP	HORNET	2 F404-GE-100	NAVY	ATTACK VERSION OF THE F-18A. SINGLE-PLACE, SUPERSONIC, CARRIER-BASED JET.
FA-18A	MCDONNELL DOUGLAS/NORTHROP	HORNET	2 F404-GE-400	NAVY	PREVIOUSLY DESIGNATED F-18A AND A-18A. DUAL FIGHTER/ATTACK MISSION CAPABILITY.
NFA-18A	MCDONNELL DOUGLAS/NORTHROP	HORNET	2 F404-GE-400	NAVY	FA-18A CONFIGURED FOR PERMANENT TEST.
RFA-18A	MCDONNELL DOUGLAS/NORTHROP	HORNET	2 F404-GE-400	NAVY	PREVIOUSLY DESIGNATED F-18A AND A-18A. USED FOR TACTICAL RECONNAISSANCE.
TFA-18A	MCDONNELL DOUGLAS/NORTHROP	HORNET	2 F404-GE-400	NAVY	PREVIOUSLY DESIGNATED F-18A AND A-18A. TWO SEAT AIRCRAFT USED FOR TRAINING.
FA-18B	MCDONNELL DOUGLAS	HORNET	2 F404-GE-400	NAVY	TWO SEAT FA-18A, FULLY COMBAT-CAPABLE.
NFA-18B	MCDONNELL DOUGLAS	HORNET	2 F404-GE-400	NAVY	FA-18B CONFIGURED FOR PERMANENT TEST.
FA-18C	MCDONNELL DOUGLAS	HORNET	2 F404-GE-400	NAVY	SINGLE SEAT PLANE WITH AIRBORNE SELF-PROTECTION JAMMER AND OTHER MODIFICATIONS.

# ATTACK SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
NFA-18C	MCDONNELL DOUGLAS	HORNET	2 F404-GE-400	NAVY	FA-18C CONFIGURED FOR PERMANENT TEST.
FA-18D	MCDONNELL DOUGLAS	HORNET	2 F404-GE-400	NAVY	TWO SEAT FA-18C.
NFA-18D	MCDONNELL DOUGLAS	HORNET	2 F404-GE-400	NAVY	FA-18D CONFIGURED FOR PERMANENT TEST.
A-37B	CESSNA	DRAGONFLY	2 J85-GE-17A	AF	T-37B WITH DIFFERENT ENGINES, WINGS STRENGTHENED FOR EXTERNAL STORES, SELF-SEALING FUEL TANKS AND AIR REFUELING CAPABILITY (1 CREW).
NA-37B	CESSNA	DRAGONFLY	2 J85-GE-17A	AF	A-37B MODIFIED WITH UNIQUE TEST EQUIPMENT TO SUPPORT THE AIR FORCE TEST PILOT SCHOOL.
OA-37B	CESSNA	DRAGONFLY	2 J85-GE-17A	AF	A-37B OBSERVATION AIRCRAFT.

# BOMBER SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
B-1A	NORTH AMERICAN ROCKWELL	NONE	4 F-101-GE-100	AF	LONG-RANGE, LAND-BASED, HEAVY, STRATEGIC BOMBER WITH VARIABLE-SWEEP WINGS. SUPERSONIC AT HIGH ALTITUDE. CARRIES CONVENTIONAL, NUCLEAR CRUISE, OR SHORT-RANGE ATTACK MISSILES OR GRAVITY BOMBS (4 CREW).
B-1B	NORTH AMERICAN ROCKWELL	LANCER	4 F-101-GE-102	AF	IMPROVED B-1A WITH INCREASED WEIGHT AND BETTER AUTOMATIC TERRAIN-FOLLOWING CAPABILITY.
B-2A	NORTHROP	SPIRIT	4 GE-F18	AF	ADVANCED TECHNOLOGY BOMBER THAT INCORPORATES STEALTH TECHNOLOGY, HAS LONG RANGE, AND LARGE PAYLOAD.
EB-47E	BOEING	STRATOJET	6 J47-GE-25/-25A	NAVY	MULTI-ENGINE JET AIRCRAFT WITH SWEEP TAIL SURFACES AND SPECIAL ELECTRONIC EQUIPMENT (3 CREW).
NB-47E	BOEING	STRATOJET	6 J47-GE-25/25A	NAVY	EB-47E CONFIGURED FOR PERMANENT TEST.
NB-52A	BOEING	STRATOFORTRESS	8 J57-P-19W/-29WA J57-F-19W/-29WA	AF	PROTOTYPE B-52 PERMANENTLY MODIFIED FOR TEST PURPOSES.
NB-52B	BOEING	STRATOFORTRESS	8 J57-P-19W/-29WA J57-F-19W/-29WA	AF	HIGH SPEED, HIGH ALTITUDE, LAND-BASED, HEAVY STRATEGIC BOMBER. HAS HIGH SWEEP WING, EIGHT MAIN WHEELS, AND SMALL OUTRIGGER WHEELS AT WING TIP (6 CREW).
B-52C	BOEING	STRATOFORTRESS	8 J57-P-19W/-29WA J57-F-19W/-29WA	AF	UPGRADED B-52B. INCREASED FUEL CAPACITY (6 CREW).
B-52D	BOEING	STRATOFORTRESS	8 J57-P-19W/-29WA J57-F-19W/-29WA	AF	UPGRADED B-52C (6 CREW).



## BOMBER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
NB-52D	BOEING	STRATOFORTRESS	8 J57-P-19W/-29WA J57-F-19W/-29WA	AF	B-52D MODIFIED FOR TEST PURPOSES.
B-52E	BOEING	STRATOFORTRESS	8 J57-P-19W/-29WA J57-F-19W/-29WA	AF	UPGRADED B-52D WITH AN/ASB-4 BOMBING NAVIGATIONAL SYSTEM.
NB-52E	BOEING	STRATOFORTRESS	8 J57-P-19W/-29WA J57-F-19W/-29WA	AF	B-52E MODIFIED FOR TEST PURPOSES.
B-52F	BOEING	STRATOFORTRESS	8 J57-P-43WA/WB J57-F-43WA/WB	AF	UPGRADED B-52E WITH NEW ENGINES, WING STRUCTURE MODIFICATIONS, AND NEW PODS.
B-52G	BOEING	STRATOFORTRESS	8 J57-P-43WB J57-F-43WB	AF	UPGRADED B-52F. FIN SPAN REDUCED, AILERONS DELETED, NOSE RADOME ENLARGED.
B-52H	BOEING	STRATOFORTRESS	8 TF33-P-3 P&W	AF	UPGRADED B-52G WITH NEW ENGINES, ECM EQUIPMENT (6 CREW).
EB-57B	MARTIN	CANBERRA	2 J65-W-5/-5B J65-B-5/-5B	AF	WIDE BODY, SHORT WING TACTICAL BOMBER MODIFIED TO PROVIDE ELECTRONIC COUNTERMEASURE TARGETS FOR GROUND AND AIRBORNE RADAR SYSTEMS (2 CREW).
B-57C	MARTIN	CANBERRA	2 J65-W-5/-5B J65-B-5/-5B	AF	EB-57B WITH DUAL CONTROLS FOR TRAINING. RETAINS NORMAL MISSION CAPABILITIES.
B-57E	MARTIN	CANBERRA	2 J65-W-5/5B J65-B-5/-5B	AF	EB-57B DUAL-CONTROLLED AIRCRAFT. MODIFIED BOMB DOORS FOR INSTALLATION OF 4 TOW REELS AND ASSOCIATED EQUIPMENT.
EB-57E	MARTIN	CANBERRA	2 J65-W-5/-5B J65-B-5/-5B	AF	B-57E MODIFIED FOR ECM CAPABILITY. PROVIDES ELECTRONIC COUNTERMEASURE TARGETS TO GROUND AND AIRBORNE RADAR SYSTEMS.

# BOMBER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
WB-57F	MARTIN	CANBERRA	2 TF33-P-11A J60-P-9	AF	LONG-WING VERSION OF B-57B/C MODELS MODIFIED FOR HIGH ALTITUDE WEATHER RECONNAISSANCE.
FB-111A	GENERAL DYNAMICS	NONE	2 TF30-P-7	AF	BOMBER VERSION OF F-111A.

## CARGO/TRANSPORT SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
C-1A	GRUMMAN	TRADER	2 R-1820-82/-82A WHITE	NAVY	ALL-WEATHER, INSTRUMENT FLIGHT TRAINER AND LIGHT TRANSPORT WITH TRICYCLE LANDING GEAR. SIMILAR TO S-2A AIRCRAFT (2 CREW, 9 PASSENGERS).
C-2A	GRUMMAN	GREYHOUND	2 T56-A-8/-8A/-8B	NAVY	CARRIER-BASED LIGHT TRANSPORT PROVIDING LOGISTIC SUPPORT FOR FLEET OPERATIONS (3 CREW).
C-4A	GRUMMAN	ACADEME	2 MK529-8X	CG	GULFSTREAM I MODIFIED FOR COAST GUARD OPERATIONS.
TC-4C	GRUMMAN	ACADEME	2 MK529-8X ROLLS ROYCE	NAVY	C-4A MODIFIED AS A BOMBARDIER/NAVIGATOR TRAINER.
C-5A	LOCKHEED	GALAXY	4 TF39-GE-1	AF	LONG-RANGE AIR REFUELABLE TRANSPORT. HIGH SWEEP WING, HIGH T-TAIL EMPENNAGE, FUSELAGE-MOUNTED LANDING GEAR, VISOR FRONT AND REAR CARGO OPENING FOR STRAIGHT THRU LOADING AND UNLOADING (6 CREW).
C-5B	LOCKHEED	GALAXY	4 TF39-GE-1	AF	C-5A WITH UPGRADED LANDING GEAR AND MORE DURABLE, CORROSION-RESISTANT ALLOY SKIN ON FUSELAGE AND WINGS.
C-5C	LOCKHEED	GALAXY	4 TF39-GE-1	AF	C-5A WITH UPGRADED LANDING GEAR AND MORE DURABLE CORROSION RESISTANT ALLOY SKIN ON FUSELAGE AND WINGS. CARGO BAY MODIFIED TO CARRY SOLID ROCKET BOOSTERS OF SPACE SHUTTLE SYSTEM.
C-6A	BEECH	NONE	2 PT6A-20 P&W (CANADA)	AF	LOW WING, EXECUTIVE TRANSPORT, BEECHCRAFT MODEL A-90 KING AIR (2 CREW, 5 PASSENGERS).
C-7A	DEHAVILLAND	CARIBOU	2 R-2000-7M-2 P&W	AF/ARMY	ALL-WEATHER TRANSPORT DESIGNED FOR SHORT TAKEOFF AND LANDING IN FORWARD BATTLE AREAS ON IMPROVED STRIPS. (3 CREW, 6000 LBS CARGO, 31 PASSENGERS, 25 PARATROOPS, OR 20 LITTER PATIENTS).

CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
YC-7A	DEHAVILLAND	CARIBOU	2 R-2000-7M-2	ARMY	PROTOTYPE C-7.
RC-7B	DEHAVILLAND	CARIBOU	2 PT6A-50	ARMY	C-7A MODIFIED WITH A RECONNAISSANCE MISSION SUITE AND AN EXTENDED RANGE CAPABILITY.
C-9A	MCDONNELL DOUGLAS	NIGHTINGALE	2 JT-8D-9 P&W (COMMERCIAL)	AF	LOW-WING, MEDIUM-SIZED, T-TAIL TRANSPORT FOR DOMESTIC AND INTRA-THEATER AEROMEDICAL EVACUATION. MILITARY VERSION OF DC-9 (7 CREW, 30 STRETCHER PATIENTS OR 40 AMBULATORY PATIENTS).
C-9B	MCDONNELL DOUGLAS	SKYTRAIN II	2 JT-8D-9	NAVY	NAVY VERSION OF DC-9 (2 CREW, 90 PASSENGERS OR EIGHT STANDARD MILITARY CARGO PALLETS (TYPE 463L).
C-9C	MCDONNELL DOUGLAS	NIGHTINGALE	2 JT-8D-9A	AF	C-9A WITH DIFFERENT CARGO DOOR AND STAFF TRANSPORT INTERIOR (3 CREW, 42 PASSENGERS AND 4 FLIGHT ATTENDANTS).
KC-10A	MCDONNELL DOUGLAS	EXTENDER	3 CF6-50C2	AF	MILITARY VERSION OF DC-10. PROVIDES LONG-RANGE AIR/REFUELING AND CARGO AIRLIFT FOR NON-STOP DEPLOYMENT OF COMBAT FORCES.
C-11A	GRUMMAN	GULFSTREAM II	2 MK511-8	CG	SWEPT WING TURBOFAN FOR LONG-RANGE STAFF TRANSPORT. GRUMMAN MODEL G-1159 GULFSTREAM II (4 CREW, 12 PASSENGERS).
C-12A	BEECH	HURON	2 PT6A-3B	AF/ARMY	MILITARY VERSION OF BEECH SUPER KING AIR. TWIN TURBO PROP, PRESSURIZED CABIN AIRCRAFT. EQUIPPED FOR IFR OPERATIONS IN HIGH-DENSITY TRAFFIC. USED FOR ATTACHE AND SECURITY ASSISTANCE SUPPORT.

## CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
UC-12B	BEECH	HURON	2 PT6A-41	NAVY	NAVY VERSION OF C-12A WITH CARGO DOOR.
C-12C	BEECH	HURON	2 PT6A-41	ARMY/AF	C-12A WITH UPGRADED ENGINES TO INCREASE RANGE AND PERFORMANCE.
C-12D	BEECH	HURON	2 PT6A-41	AF/ARMY	C-12C WITH LARGER CARGO DOOR, HIGH FLOTATION LANDING GEAR, AND STRONGER WING.
RC-12D	BEECH	HURON	2 PT6A-41	ARMY	C-12D MODIFIED TO PERFORM SIGNAL INTELLIGENCE AND ELECTRONIC SURVEILLANCE MISSIONS (GUARD RAIL).
C-12E	BEECH	HURON	2 PT6A-42	AF	UPGRADED C-12A (2 CREW, 9 PASSENGERS).
C-12F	BEECH	HURON	2 PT6A-42	AF	OPERATIONAL SUPPORT TRANSPORT VERSION OF COMMERCIAL SUPER KING AIR B200C (2 CREW, 8 PASSENGERS).
RC-12F	BEECH	HURON	2 PT6A-42	NAVY	UC-12F SPECIALLY EQUIPPED WITH SURFACE SEARCH RADAR AND OPERATOR CONSOLE.
UC-12F	BEECH	HURON	2 PT6A-42	NAVY	UPGRADED UC-12B, UPGRADED AVIONICS, LANDING GEAR, AND ENGINE.
RC-12G	BEECH	HURON	2 PT6A-41	ARMY	MODIFIED BEECH A200CT TO PROVIDE NEAR REAL TIME INTELLIGENCE SUPPORT TO TACTICAL COMMANDERS IN THE FIELD (2 CREW).
RC-12H	BEECH	HURON	2 PT6A-41	ARMY	MODIFIED RC-12D WITH IMPROVED SIGNAL INTELLIGENCE AND ELECTRONIC SURVEILLANCE MISSIONS (GUARDRAIL V).

CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
C-12J	BEECH	HURON	2 PT6A-65B	AF	STRETCHED VERSION OF C-12F WITH INCREASED CARGO CAPACITY FOR USE BY ANG (2 CREW, 19 PASSENGERS).
RC-12K	BEECH	NONE	2 PT6A-67	ARMY	MODIFIED C-12 USED TO PROVIDE BOTH COMMUNICATION AND ELECTRONICS INTELLIGENCE RECONNAISSANCE.
C-12L	BEECH	HURON	2 PT6A-41	ARMY	MODIFIED U-21J BEECH A100 MODELS. ORIGINALLY PURCHASED FOR THE CEFly LANCER PROGRAM.
RC-12M	BEECH	HURON	2 PT6A-42	NAVY	UC-12M MODIFIED WITH NEW WINGS, SURFACE SEARCH RADAR, MISSION CONTROL CONSOLE USED FOR RECONNAISSANCE MISSIONS.
UC-12M	BEECH	HURON	2 PT6A-42	NAVY	UC-12B AND UC-12F MODIFIED WITH UNIQUE COCKPIT INSTRUMENTS, LIGHTING AND VOICE COMMUNICATIONS.
RC-12N	BEECH	HURON	2 PT6A-67	ARMY	RC-12K MODIFIED WITH IMPROVED PRIMARY MISSION EQUIPMENT, INCREASED PAYLOAD, AND UPGRADED ENGINES.
RC-12P	BEECH	HURON	2 PT6A-67	ARMY	MODIFIED RC-12N WITH DIFFERENT EXTERNAL CONFIGURATION, IMPROVED PRIMARY MISSION EQUIPMENT, DATA LINK CAPABILITY, FIBER OPTIC CABLING, AND INCREASED TAKEOFF WEIGHT.
RC-12Q	BEECH	HURON	2 PT6A-67	ARMY	RC-12P MODIFIED WITH PME IMPROVEMENTS INCLUDING A TOP MOUNTED RADOME.
C-12R	BEECH	HURON	2 PT6A-42	ARMY	C-12F MODIFIED TO INCORPORATE BENDIX KING ELECTRONIC FLIGHT INSTRUMENTATION SYSTEM (EFIS).
C-12S	BEECH	HURON	2 PT6A-60A	ARMY	BEECH MODEL 350 WITH SEATING FOR 8-15 PASSENGERS AND QUICK CARGO CONFIGURATION ADAPTABILITY.

## CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
YC-14A	BOEING	NONE	2 CF-6-50A-GE	AF	PROTOTYPE STOL TRANSPORT WITH HIGH WING, T-TAIL, REAR CARGO LOADING DOOR, AND TRICYCLE LANDING GEAR FOR UNIMPROVED FIELD OPERATIONS. ENGINES MOUNTED ABOVE AND FORWARD OF WINGS (2 CREW).
YC-15A	MCDONNELL DOUGLAS	NONE	4 JT-8D P&W	AF	PROTOTYPE STOL TRANSPORT SIMILAR TO YC-14A. ENGINES ARE MOUNTED ON PYLONS BENEATH THE HIGH WING. JET EXHAUST DIRECTED ON FLAPS TO USE EXTERNALLY BLOWN FLAPS FOR LIFT.
C-17A	MCDONNELL DOUGLAS	GLOBEMASTER III	4 JT10D (PW2037)	AF	INTER- AND INTRATHEATER OUTSIZE-CARGO, STOL TRANSPORT CAPABLE OF OPERATING FROM SMALL AUSTERE AIRFIELDS. EQUIPPED WITH CONVENTIONAL AIRDROP AND LOW ALTITUDE PARACHUTE EXTRACTION SYSTEM (LAPES).
YC-17A	MCDONNELL DOUGLAS	NONE	4 JT10D (PW2037)	AF	PROTOTYPE C-17A.
C-18A	BOEING	NONE	4 JT3D-7	AF	BOEING 707-300 SERIES.
C-18B	BOEING	NONE	4 JT3D-7	AF	C-18A MODIFIED WITH VARIOUS EQUIPMENT AND INSTRUMENTATION TO SUPPORT THE MILSTAR PROGRAM.
EC-18B	BOEING	NONE	4 JT3D-7	AF	BOEING 707-300 SERIES MODIFIED FOR ADVANCED RANGE INSTRUMENTATION AIRCRAFT (ARIA) MISSION.
EC-18C	BOEING	NONE	4 JT3D-7	AF	BOEING 707-300 SERIES MODIFIED TO SUPPORT THE (JSTARS) PROGRAM.
EC-18D	BOEING	NONE	4 JT3D-7	AF	MODIFIED C-18A USED TO SUPPORT CRUISE MISSILE MISSION CONTROL AIRCRAFT (CMMCA).

CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
TC-18E	BOEING	NONE	4 TF33-PW-100A	AF	BOEING 707-300 SERIES AIRCRAFT MODIFIED FOR E-3 PILOT/CREW TRAINING.
TC-18F	BOEING	NONE	4 JT3D-3B	NAVY	BOEING 707-300 SERIES AIRCRAFT MODIFIED FOR E-6 PILOT TRAINING.
C-19A	BOEING	NONE	4 JT-9D-7FW	AF	BOEING 747 CONFIGURED AS PERSONNEL/CARGO TRANSPORT FOR AIR NATIONAL GUARD.
C-20A	GULFSTREAM AEROSPACE CORP	GULFSTREAM III	2 MK-511-8 R-R SPEY	AF	GULFSTREAM III MODIFIED AS STAFF TRANSPORT (5 CREW, 14 PASSENGERS).
C-20B	GULFSTREAM AEROSPACE CORP	GULFSTREAM III	2 MK-511-8 R-R SPEY	AF	OPERATES ON DC POWER. UPGRADED AVIONICS USED FOR PRESIDENT AND OTHER HIGH-RANKING OFFICIALS.
C-20C	GULFSTREAM AEROSPACE CORP	GULFSTREAM III	2 MK-511-8 R-R SPEY	AF	MODIFIED C-20B WITH ENHANCED, SECURE COMMUNICATIONS. USED TO SUPPORT SENIOR-LEVEL PERSONNEL AND TO PROVIDE BACKUP FOR AIR FORCE ONE.
C-20D	GULFSTREAM AEROSPACE CORP	GULFSTREAM III	2 MK-511-8 R-R SPEY	NAVY	C-20B WITH MODIFIED COMMUNICATIONS EQUIPMENT.
C-20E	GULFSTREAM AEROSPACE CORP	GULFSTREAM III	2 MK511-8 ROLLS ROYCE	ARMY	C-20B MODIFIED WITH DIFFERENT INTERIOR FURNISHINGS, AVIONICS, AND EXTERIOR PAINT AND MARKINGS.
C-20F	GULFSTREAM AEROSPACE CORP	GULFSTREAM IV	2 MK-661-8 ROLLS ROYCE	ARMY	BASIC PRODUCTION GULFSTREAM IV AIRCRAFT MODIFIED WITH EXECUTIVE INTERIOR AND ADDITIONAL AVIONICS FOR USE AS A STAFF TRANSPORT (14 PASSENGERS, 5 CREW).



## CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
C-20G	GULFSTREAM AEROSPACE CORP	GULFSTREAM IV	2 MK-661-8 ROLLS ROYCE	NAVY	C-20F MODIFIED WITH A CARGO DOOR, CARGO FLOOR, AND SEATING ACCOMMODATING 26 PASSENGERS, 4 CREW.
C-20H	GULFSTREAM AEROSPACE CORP	GULFSTREAM IV	2 TAY MK-611-8 TUR- BOFAN ROLLS ROYCE	AF	C-20F MODIFIED WITH EXTENDED FUSELAGE AND ENHANCED COCKPIT SOFTWARE PACKAGE (12 PASSENGERS, 5 CREW).
C-20J	GULFSTREAM AEROSPACE CORP	GULFSTREAM	2 ROLLS ROYCE MK-511-8	ARMY	MODIFIED GULFSTREAM AIRCRAFT (G-1159) TO INCLUDE COCKPIT, INTERIOR, GALLEY, EXTERIOR AND FLIGHT MANAGEMENT SYSTEM. USED FOR TRANSPORT OF US ARMY SENIOR STAFF EXECUTIVES (5 CREW, 12 PASSENGERS).
C-21A	GATES LEARJET	NONE	2 TFE-731	AF	OPERATIONAL SUPPORT TRANSPORT VERSION OF COMMERCIAL LEARJET 35A (2 CREW, 6 PASSENGERS).
C-22A	BOEING	NONE	3 JT8D-7A	AF	STAFF TRANSPORT VERSION OF COMMERCIAL BOEING 727.
C-22B	BOEING	NONE	3 JT8D-7	AF	BOEING 727-100 MODIFIED FOR AIR NATIONAL GUARD SUPPORT MISSIONS.
C-23A	SHORT BROS. LTD	NONE	2 PT6A-45R	AF	HIGH-WING, UNPRESSURIZED CARGO TRANSPORT WITH FULL WIDTH AFT LOADING RAMP. VERSION OF COMMERCIAL 330/SHERPA.
C-23B	SHORT BROTHERS LTD.	NONE	2 PT6A-65AR	ARMY	C-23A MODIFIED WITH LARGER WINGS, BIGGER ENGINES, 6-BLADE PROPS, AND INWARD OPENING DOORS TO PROVIDE AIRDROP CAPABILITIES.
EC-24A	DOUGLAS AIRCRAFT CORP	NONE	4 JT3D-3	NAVY	UPGRADED UNITED AIRLINES DC-8-54F (FREIGHTER) USED TO SIMULATE C3 THREAT.

CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
VC-25A	BOEING	NONE	4 GE CF6-80-C2B1	AF	BOEING 747-200B MODIFIED TO MEET TRANSPORTATION REQUIREMENTS OF THE PRESIDENT OF THE UNITED STATES.
C-26A	FAIRCHILD AIRCRAFT CORP	NONE	2 GARRETT TPE331-11U	ANG	FAIRCHILD SA-227 TWIN TURBOPROP, FIXED-WING, MEDIUM RANGE UTILITY AIRCRAFT USED TO REPLACE ANG C-131 AIRCRAFT.
C-26B	FAIRCHILD AIRCRAFT CORP	NONE	2 TPE331-12UA-701G	ANG	C-26A MODIFIED WITH UPGRADED ENGINES AND UPGRADED AVIONICS SUITE.
UC-26C	FAIRCHILD AIRCRAFT CORP	NONE	2 GARRETT TPE331-7	ANG	C-26A MODIFIED WITH INTEGRATED SENSOR PACKAGE CONSISTING OF FLIR AND HIGH RESOLUTION RADAR.
C-27A	AERITALIA	NONE	2 GE T64-GE-P4	AF	SHORT TAKEOFF AND LANDING INTRATHEATER AIRLIFT AIRCRAFT USED TO SUPPORT THEATER REQUIREMENTS.
C-28A	CESSNA	NONE	2 GTS10-520-M	NAVY	CESSNA 404 USED TO TRANSPORT PERSONNEL, EIGHT TO TEN PASSENGERS, AND SOME CARGO.
C-29A	BRITISH AEROSPACE	HAWKER	2 TFE 731-5R-1H GARRETT	AF	ALL-WEATHER CARGO AIRCRAFT WITH A RANGE OF 2400 NAUTICAL MILES (5 CREW). USED TO ACCOMPLISH THE COMBAT FLIGHT INSPECTION AND NAVIGATION MISSION (C-FIN).
C-31A	FOKKER	NONE	2 ROLLS ROYCE DART 7 TURBO	ARMY	TWIN ENGINE CARGO AIRCRAFT USED IN SUPPORT OF THE US ARMY PARACHUTE TEAM.
C-32A	TBD	TBD	TBD	AF	STAFF AIRCRAFT USED TO MEET TRANSPORTATION REQUIREMENTS OF THE VICE PRESIDENT, DIGNATARIES, AND VIP'S.
C-33A	TBD	NONE	TBD	AF	FAA CERTIFIED COMMERCIAL TRANSPORT AIRCRAFT THAT WILL BE MISSIONIZED TO MEET AIR FORCE REQUIREMENTS.

## CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
C-47T	DOUGLAS ACFT/ BASLET FIT SER.	SKYTRAIN	2 PT6A-67R	FMS(AF)	C-47 SERIES AIRCRAFT MODIFIED BY LENGTHENING FUSELAGE AND REPLACING RECIPROCATING ENGINES WITH TURBOPROP ENGINES.
C-117D	MCDONNELL DOUGLAS	SKYTRAIN	2 R-1820-80A WRIGHT	NAVY	LOW WING TRANSPORT (3 CREW, 35 TROOPS, OR 27 LITTERS).
NC-117D	MCDONNELL DOUGLAS	SKYTRAIN	2 R-1820-80A WRIGHT	NAVY	C-117D CONFIGURED FOR PERMANENT TEST.
TC-117D	MCDONNELL DOUGLAS	SKYTRAIN	2 R-1820-80A WRIGHT	NAVY	C-117D MODIFIED FOR NAVIGATION TRAINING (3 CREW, 8 STUDENTS).
C-118B	MCDONNELL DOUGLAS	LIFTMASTER	4 R-2800-52W P&W	NAVY	CARGO/PASSENGER TRANSPORT SIMILAR TO COMMERCIAL DOUGLAS DC-6A (6 CREW, 79 TROOPS, OR 60 LITTERS).
EC-121K	LOCKHEED	WARNING STAR	4 R-3350-42 WRIGHT	NAVY	C-121C (SUPER CONSTELLATION) MODIFIED AS SEARCH AIRPLANE WITH BOTTOM AND TOP RADAR ANTENNA (26 CREW).
NC-121K	LOCKHEED	WARNING STAR	4 R-3350-42 WRIGHT	NAVY	EC-121K CONFIGURED FOR PERMANENT TEST.
C-123K	FAIRCHILD HILLER	PROVIDER	2 R-2800-99W P&W/ J85-GE-17	AF	TACTICAL TRANSPORT WITH AUXILIARY JET ENGINES.
NC-123K	FAIRCHILD HILLER	PROVIDER	2 R-2800-99W P&W/ J85-GE-17	AF	C-123K CONFIGURED FOR PERMANENT TEST.
UC-123K	FAIRCHILD HILLER	PROVIDER	2 R-2800-99W P&W/ J85-GE-17	AF	C-123K MODIFIED FOR AERIAL SPRAY OPERATIONS.

CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
C-130A	LOCKHEED	HERCULES	4 T56-A-9/-9A/-9B	AF	HIGH WING, MEDIUM RANGE TRANSPORT (4 CREW, 92 TROOPS, OR 70 LITTERS).
AC-130A	LOCKHEED	SPECTRE	4 T56-A-1A/-9	AF	C-130A MODIFIED AS GUNSHIP.
DC-130A	LOCKHEED	HERCULES	4 T56-A-1A/-9/-9A	AF/NAVY	C-130A MODIFIED TO CONTROL DRONE AIRCRAFT OR MISSILES. FORMERLY DESIGNATED GC-130A (4 CREW (AF), 8 CREW (NAVY)).
NC-130A	LOCKHEED	HERCULES	4 T56-A-9/-9A/-9B	AF	MODIFIED C-130A FOR (ASETS) TESTING.
RC-130A	LOCKHEED	HERCULES	4 T56-A-9/-9A/-9B	AF	C-130A MODIFIED FOR GEODETIC SURVEY AND PHOTO MAPPING (7 CREW).
C-130B	LOCKHEED	HERCULES	4 T56-A-7/-7A	AF	IMPROVED C-130A.
HC-130B	LOCKHEED	HERCULES	4 T56-A-7/-7A	CG	C-130B MODIFIED FOR SEARCH AND RESCUE MISSIONS. FORMERLY DESIGNATED SC-130B (4 CREW).
NC-130B	LOCKHEED	HERCULES	4 T56-A-7/-7A	AF	C-130B MODIFIED FOR UNMANNED AEROSPACE VEHICLE FLIGHT TEST.
C-130D	LOCKHEED	HERCULES	4 T56-A-9/-9A/-9B	AF	C-130A MODIFIED WITH SKIS FOR ADVANCE BASE OPERATIONS. 2 EXTERNAL 450-GALLON FUEL TANKS (4 CREW, 92 TROOPS, AND 74 LITTERS).
C-130E	LOCKHEED	HERCULES	4 T56-A-7/-7A	AF	IMPROVED C-130B (5 CREW, 92 TROOPS, OR 74 LITTERS).
DC-130E	LOCKHEED	HERCULES	4 T56-A-7/-7A	AF	C-130E MODIFIED AS A DIRECTOR AIRCRAFT.

## CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
EC-130E	LOCKHEED	HERCULES	4 T56-A-7/-7A	AF/CG	C-130E MODIFIED BY REMOVING EXTERNAL PYLON TANKS AND ADDING RADIO OPERATOR/NAVIGATOR POSITIONS AND LONG-RANGE RADIO AID TO NAVIGATION (LORAN) CALIBRATION EQUIPMENT. AF VERSION CONFIGURED AS ABCCC.
MC-130E	LOCKHEED	HERCULES	4 T56-A-7/-15A	AF	C-130E MODIFIED FOR SPECIAL OPERATIONS FORCES MISSIONS.
NC-130E	LOCKHEED	HERCULES	4 T56-A-7/-7A	AF	C-130E MODIFIED WITH PERMANENT TEST INSTRUMENTATION FOR FLEET UPGRADES.
WC-130E	LOCKHEED	HERCULES	4 T56-A-7/-7A	AF	C-130E MODIFIED FOR WEATHER RECONNAISSANCE.
C-130F	LOCKHEED	HERCULES	4 T56-A-7/-7A	NAVY	KC-130F WITH AERIAL REFUELER KIT (TANKS AND PODS). CARGO AERIAL DELIVERY SYSTEM REMOVED (7 CREW).
KC-130F	LOCKHEED	HERCULES	4 T56-A-16	NAVY	C-130B MODIFIED AS TACTICAL TANKER (7 CREW).
LC-130F	LOCKHEED	HERCULES	4 T56-A-16	NAVY	SKI-EQUIPPED C-130B (7 CREW, 92 TROOPS, OR 74 LITTERS).
EC-130G	LOCKHEED	HERCULES	4 T56-A-423	NAVY	C-130E WITH TACAMO COMMUNICATION SYSTEM AN/USC-13(V) INSTALLED.
C-130H	LOCKHEED	HERCULES	4 T56-A-15	AF	C-130E WITH NEW ENGINES AND COMMUNICATION/NAVIGATION EQUIPMENT.
AC-130H	LOCKHEED	SPECTRE	4 T56-A-15	AF	IMPROVED AC-130A.
DC-130H	LOCKHEED	HERCULES	4 T56-A-15	AF	C-130H MODIFIED AS DIRECTOR AIRCRAFT.

CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
EC-130H	LOCKHEED	HERCULES	4 T56-A-15	AF	SPECIAL ELECTRONIC CONFIGURATION OF C-130H.
HC-130H	LOCKHEED	HERCULES	4 T56-A-15	AF/CG	C-130H WITH SPECIAL EQUIPMENT FOR SEARCH/RESCUE MISSIONS AND AERIAL RECOVERY ASSIGNMENTS (5 CREW).
LC-130H	LOCKHEED	HERCULES	4 T56-A-15	ANG	C-130H WITH SKIS FOR COLD WEATHER OPERATIONS.
MC-130H	LOCKHEED	HERCULES	4 T56-A-15	AF	C-130H MODIFIED FOR SPECIAL OPERATIONS FORCES MISSIONS.
NC-130H	LOCKHEED	HERCULES	4 T56-A-15	AF	FORMERLY DC-130H PERMANENTLY CONFIGURED FOR SPECIAL TESTING.
WC-130H	LOCKHEED	HERCULES	4 T56-A-15	AF	C-130H MODIFIED TO WEATHER RECONNAISSANCE CONFIGURATION SIMILAR TO WC-130E.
YMC-130H	LOCKHEED	HERCULES	4 T56-A-15	AF	MC-130H PROTOTYPE.
C-130J	LOCKHEED	HERCULES	4 AE210003	AF	IMPROVED C-130H WITH NEW ENGINES/PROPELLERS AND INTEGRATED DIGITAL AVIONICS TWO PERSON FLIGHT STATION.
C-130K	LOCKHEED	HERCULES	4 T56-A-15	UK	C-130E WITH DIFFERENT ENGINES, BRITISH NAVIGATION/COMMUNICATION EQUIPMENT AND REDESIGNED CARGO FLOOR AND TIEDOWN GRID PATTERN (5 CREW).
HC-130N	LOCKHEED	HERCULES	4 T56-A-15	AF	C-130H MODIFIED WITH C-130E RADOME, NEW CENTER WING SECTION, AND MODIFIED TO AERIAL REFUEL HELICOPTERS.
HC-130P	LOCKHEED	HERCULES	4 T56-A-15	AF	HC-130H MODIFIED TO AERIAL REFUEL HELICOPTERS.

## CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
MC-130P	LOCKHEED	HERCULES	4 T56-A-15	AF	HC-130M/P AIRCRAFT MODIFIED TO ADD REQUIRED OPERATIONAL CAPABILITIES.
EC-130Q	LOCKHEED	HERCULES	4 T56-A-423	NAVY	SIMILAR TO EC-130G AIRCRAFT. CAPABLE OF COMMUNICATING WITH SUBMERGED SUBMARINES.
KC-130R	LOCKHEED	HERCULES	4 T56-A-16	NAVY	NAVY VERSION OF C-130H CONFIGURED FOR REFUELING OPERATIONS.
LC-130R	LOCKHEED	HERCULES	4 T56-A-16	NAVY	NAVY VERSION OF C-130E WITH DIFFERENT ENGINES, COMMUNICATIONS/NAVIGATION EQUIPMENT, AND COLD WEATHER MODIFICATIONS, SUCH AS SKIS.
C-130T	LOCKHEED	HERCULES	4 T56-A-16	NAVY	KC-130T TANKER WITHOUT AERIAL REFUELING EQUIPMENT.
KC-130T	LOCKHEED	HERCULES	4 T56-A-16	NAVY	UPGRADED KC-130R.
AC-130U	LOCKHEED	HERCULES	4 T56-A-15	AF	C-130 PROCURED AND MODIFIED TO A GUNSHIP CONFIGURATION TO REPLACE THE AC-130H.
EC-130V	LOCKHEED	HERCULES	4 T56-A-15	CG	HC-130H MODIFIED WITH FUSELAGE-MOUNTED, ROTATING DISH RADOME FOR DETECTING AND TRACKING AIRCRAFT SURFACE VESSELS INVOLVED IN SMUGGLING; MARITIME DEFENSE ZONE COMMAND AND CONTROL.
C-131B	GENERAL DYNAMICS	SAMARITAN	2 R-2800-103W P&W	AF	ELECTRONIC EQUIPMENT TEST BED TRANSPORT. AF VERSION OF CONVAIR 340 (3 CREW).
C-131D	GENERAL DYNAMICS	SAMARITAN	2 R-2800-103W P&W	AF	C-131B MODIFIED AS PASSENGER TRANSPORT (4 CREW, 44 PASSENGERS).

CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
C-131E	GENERAL DYNAMICS	SAMARITAN	2 R-2800-103W P&W	AF	IMPROVED C-131B MODIFIED FOR CARGO, PASSENGERS OR LITTERS (2 CREW, 48 PASSENGERS, OR 38 LITTERS).
C-131F	GENERAL DYNAMICS	SAMARITAN	2 R-2800-52W P&W	NAVY	NAVY VERSION OF C-131E.
C-131G	GENERAL DYNAMICS	SAMARITAN	2 R-2800-52W P&W	NAVY	CARGO/PERSONNEL TRANSPORT VERSION OF CONVAIR 440 (3 CREW, 44 PASSENGERS, OR 21 LITTERS).
NC-131H	GENERAL DYNAMICS	SAMARITAN	2 501-D13H P&W	AF	TEST CONFIGURED C-131D.
C-135A	BOEING	STRATOLIFTER	4 J57-P/F-59W P&W/FORD	AF	AF VERSION OF BOEING 707 LONG RANGE, HIGH-PERFORMANCE TRANSPORT (4 CREW, 75 TROOPS OR 44 LITTERS, AND 48 AMBULATORY PATIENTS WITH 6 ATTENDANTS).
EC-135A	BOEING	STRATOLIFTER	4 J57-P/F-59W P&W/FORD	AF	KC-135A AIRCRAFT WITH ELECTRONICS EQUIPMENT FOR USE AS AIRBORNE COMMAND POST AND COMMUNICATION RELAY MISSIONS.
KC-135A	BOEING	STRATOTANKER	4 J57-P/F-43WB/-59W	AF	C-135A EQUIPPED WITH FLYING BOOM FOR AERIAL REFUELING. MAY BE USED AS A CARGO/TROOP TRANSPORT (4 CREW, 80 PASSENGERS).
NC-135A	BOEING	STRATOLIFTER	4 J57-P/F-43WB/-59W	AF	TEST CONFIGURED C-135A.
NKC-135A	BOEING	STRATOTANKER	4 J57-P/F-43WB/-59W	AF	TEST CONFIGURED KC-135A.
C-135B	BOEING	STRATOLIFTER	4 TF33-P-5	AF	IMPROVED C-135A.



## CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
EC-135B	BOEING	STRATOLIFTER	4 TF33-P-5	AF	C-135B MODIFIED AS ADVANCED RANGE INSTRUMENTED AIRCRAFT (ARIA) (INCLUDES LARGER NOSE RADOME).
OC-135B	BOEING	STRATOLIFTER	4 TF33-P-5	AF	WC-135B MODIFIED FOR USE AS AN OBSERVATION PLATFORM TO SUPPORT THE OPEN SKIES TREATY.
TC-135B	BOEING	STRATOLIFTER	4 TF33-P-5	AF	TRAINING VERSION OF WC-135B WITH SPECIAL MISSION EQUIPMENT REMOVED.
WC-135B	BOEING	STRATOLIFTER	4 TF33-P-5	AF	C-135B MODIFIED FOR WEATHER RECONNAISSANCE.
C-135C	BOEING	STRATOLIFTER	4 TF33-P-5	AF	IMPROVED C-135B WITH DIFFERENT RADIO, NAVIGATION, ELECTRICAL SYSTEMS, AND COCKPIT CONFIGURATION.
EC-135C	BOEING	STRATOLIFTER	4 TF33-P-9	AF	IMPROVED C-135B WITH DIFFERENT ENGINES AND ELECTRONICS FOR AIRBORNE COMMAND POST AND COMMUNICATION RELAY CAPABILITY. FORMERLY KC-135B.
KC-135D	BOEING	STRATOTANKER	4 J57-59	AF	FORMERLY RC-135A MODIFIED TO PARTIAL KC-135A CONFIGURATION.
C-135E	BOEING	STRATOLIFTER	4 TF-33-PW-102 (JT3D-3B)	AF	C-135A MODIFIED FOR PARTICULAR MISSIONS BY USAF DIRECTION.
EC-135E	BOEING	STRATOLIFTER	4 TF-33-PW-102 (JT3D-3D)	AF	C-135A MODIFIED FOR PARTICULAR MISSIONS BY USAF DIRECTION.
KC-135E	BOEING	STRATOTANKER	4 TF-33-PW-102 (JT3D-3B)	AF	KC-135A REENGINEED WITH ENGINES FROM BOEING 707 AIRCRAFT.

## CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
RC-135E	BOEING	STRATOLIFTER	4 TF-33-PW-102 (JT3D-3B)	AF	KC-135A REENGINEED WITH ENGINES FROM BOEING 707 AIRCRAFT.
NKC-135E	BOEING	STRATOTANKER	4 TF-33-PW-102 (JT3D-3B)	AF	KC-135A REENGINEED WITH ENGINES FROM BOEING 707 AIRCRAFT.
C-135F	BOEING	STRATOLIFTER	4 J57-P/F-59W	FRANCE	MODIFIED C-135A USED BY FRANCE FOR TANKER, CARGO, TROOP CARRIER, AND AIR EVACUATION (4 CREW, 126 TROOPS OR 44 LITTERS).
EC-135G	BOEING	STRATOLIFTER	4 J57-P/F-59W P&W/FORD	AF	KC-135A MODIFIED FOR AIRBORNE NATIONAL COMMAND POST.
EC-135H	BOEING	STRATOLIFTER	4 J57-P/F-59W P&W/FORD	AF	KC-135A MODIFIED FOR AIRBORNE NATIONAL COMMAND POST.
EC-135J	BOEING	STRATOLIFTER	4 TF33-P-9	AF	FORMERLY KC-135B MODIFIED FOR AIRBORNE NATIONAL COMMAND POST.
EC-135K	BOEING	STRATOLIFTER	4 J57-P/F-59W P&W/FORD	AF	KC-135A MODIFIED FOR DEPLOYMENT CONTROL.
EC-135L	BOEING	STRATOLIFTER	4 J57-P/F-59W P&W/FORD	AF	KC-135A MODIFIED FOR RADIO RELAY AND AM DROPOUT CAPABILITY.
RC-135M	BOEING	STRATOLIFTER	4 TF33-P-5	AF	C-135B MODIFIED TO CLASSIFIED CONFIGURATION.
C-135N	BOEING	STRATOLIFTER	4 J57-P/F-43WB	AF	EC-135N WITH ELECTRONICS REMOVED. RETAINS LARGE NOSE RADOME.

## CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
EC-135N	BOEING	STRATOLIFTER	4 J57-P/F-43WB	AF	C-135A WITH ELECTRONICS MODIFICATION AS ADVANCED RANGE INSTRUMENTED AIRCRAFT (ARIA). LARGE NOSE RADOME.
EC-135P	BOEING	STRATOLIFTER	4 J57-P/F-59W P&W/FORD	AF	KC-135A MODIFIED FOR AIRBORNE NATIONAL COMMAND POST.
KC-135Q	BOEING	STRATOTANKER	4 J57-P/F-59W P&W/FORD	AF	KC-135A MODIFIED TO REFUEL AIRCRAFT WHICH DO NOT USE JP-4 FUEL.
KC-135R	BOEING	STRATOTANKER	4 F108-CF100 (CFM 56)	AF	KC-135A WITH HIGHER THRUST, TURBOFAN ENGINES.
RC-135S	BOEING	STRATOLIFTER	4 TF33-P-5	AF	FORMERLY RC-135 MODIFIED TO CLASSIFIED RECONNAISSANCE CAPABILITY.
TC-135S	BOEING	STRATOLIFTER	4 TF33-P-5	AF	FORMERLY EC-135B MODIFIED FOR RC-135S FLIGHT CREW TRAINING.
KC-135T	BOEING	STRATOTANKER	4 F108-CF100 CFM 56	AF	KC-135Q WITH HIGHER THRUST, TURBOFAN ENGINES.
RC-135U	BOEING	STRATOLIFTER	4 TF33-P-9	AF	FORMERLY RC-135C MODIFIED TO CLASSIFIED CONFIGURATION.
RC-135V	BOEING	STRATOLIFTER	4 TF33-P-5	AF	RC-135M MODIFIED TO CLASSIFIED CONFIGURATION.
RC-135W	BOEING	STRATOLIFTER	4 TF33-P-5	AF	SUPPORTS CLASSIFIED PROGRAM.
TC-135W	BOEING	STRATOLIFTER	4 TF33-P-5	AF	TRAINING VERSION OF RC-135W WITH SPECIAL MISSION EQUIPMENT REMOVED.

CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
WC-135W	BOEING	STRATOLIFTER	4 TF33-P-5	AF	WC-135B MODIFIED TO "-135W" CONFIGURATION.
RC-135X	BOEING	STRATOLIFTER	4 TF33-P-5	AF	FORMERLY EC-135B MODIFIED FOR CLASSIFIED MISSION.
EC-135Y	BOEING	STRATOLIFTER	4 J57-P/F-43 WB/59W	AF	FORMERLY NKC-135 RECONFIGURED AS COMMAND, CONTROL, AND COMMUNICATIONS AIRCRAFT FOR CINCENT.
C-137B	BOEING	STRATOLINER	4 JT3D-3B P&W (COMMERCIAL)	AF	BOEING 707-320 MODIFIED AS STAFF TRANSPORT FOR SPECIAL AIR MISSIONS. ENGINEERING CHANGES INCREASE RANGE & PERFORMANCE (7 CREW, 36 PASSENGERS).
C-137C	BOEING	STRATOLINER	4 JT-3D-3B P&W (COMMERCIAL)	AF	C-137B WITH LONGER FUSELAGE (7 CREW, 49 PASSENGERS).
EC-137D	BOEING	NONE	4 JT3D-3B	AF	BOEING 707 WITH EXTENDED FUSELAGE AND JT3D-3B ENGINES USED TO PROVIDE AIRBORNE COMMAND, CONTROL, AND COMMUNICATIONS FOR UNCINCSOC.
C-140A	LOCKHEED	JET STAR	4 J60-P-5A/-5B	AF	MEDIUM AIRCRAFT WITH SWEEP WINGS AND TRICYCLE LANDING GEAR. USED TO ACCOMPLISH THE COMBAT FLIGHT INSPECTION AND NAVIGATION (C-FIN) MISSION (5 CREW).
C-140B	LOCKHEED	JET STAR	4 J60-P-5A/-5B	AF	C-140A CONFIGURED TO TRANSPORT STAFF PERSONNEL (2 CREW, 8 PASSENGERS).
C-141A	LOCKHEED	STARLIFTER	4 TF33-P-7	AF	HIGH WING, FULL CANTILEVER, SEMIMONOCOQUE FUSELAGE, LONG-RANGE TRANSPORT FOR CARGO OR PERSONNEL (6 CREW, 154 TROOPS OR 123 PARATROOPS, OR 80 LITTERS PLUS 8 ATTENDANTS).

## CARGO/TRANSPORT SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
NC-141A	LOCKHEED	STARLIFTER	4 TF33-P-7	AF	TEST CONFIGURED C-141A.
C-141B	LOCKHEED	STARLIFTER	4 TF33-P-7	AF	STRETCHED C-141A WITH 23 FEET ADDED TO FUSELAGE, IMPROVED WINGS, AND AERIAL REFUEL CAPABILITY.

## ELECTRONIC SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
E-1B	GRUMMAN	TRACER	2 R-1820-82A WRIGHT	NAVY	LIGHT, HIGH-WING, CARRIER-BASED AIRCRAFT WITH TRICYCLE LANDING GEAR EQUIPPED FOR AIRBORNE EARLY WARNING OPERATIONS (4 CREW).
TE-2A	GRUMMAN	HAWKEYE	2 T56-A-8/-8A/-8B	NAVY	E-2B WITH AIR TACTICAL DATA SYSTEM (ATDS) REMOVED AND MODIFIED FOR TRAINING.
E-2B	GRUMMAN	HAWKEYE	2 T56-A-8/-8A/-8B	NAVY	EARLY WARNING, COMMAND, CONTROL AIRCRAFT. CARRIER-BASED FOR TASK FORCE SUPPORT (5 CREW).
E-2C	GRUMMAN	HAWKEYE	2 T56-A-422	NAVY	E-2B WITH IMPROVED ENGINES, COMPUTER, RADAR, AND NEW PASSIVE DETECTION SYSTEM.
TE-2C	GRUMMAN	HAWKEYE	2 T56-A-8/-8A/-8B	NAVY	YE-2C MODIFIED FOR PILOT TRAINING.
YE-2C	GRUMMAN	HAWKEYE	2 T56-A-8/-8A/-8B	NAVY	PROTOTYPE E-2C WITH VAPOR CYCLE AIR SYSTEM, REDESIGNED ROTODOME LARGER NOSE SECTION, AND NEW AVIONICS SUBSYSTEM.
E-3A	BOEING	SENTRY	4 TF-33-TF-100A	AF	BOEING MODEL 707-300 SERIES WITH LARGE, FUSELAGE-MOUNTED, ROTATING DISH RADOME. USED IN COMMAND, CONTROL SURVEILLANCE, WEAPONS CONTROL, COMMUNICATIONS RELAY, SELF-DEFENSE, AND THREAT EVALUATION/WARNING.
KE-3A	BOEING	SENTRY	4 TF-33-PW-100A	SAUDI	E-3A MINUS EARLY WARNING RADAR & COMMAND, CONTROL SYSTEMS. MODIFIED FOR TANKER/CARGO MISSION WITH VENTRAL BOOM AND WINGTIP PROBE-AND-DROGUE, CARGO DOOR, AND REINFORCED CARGO FLOOR. PEACE SENTINEL PROGRAM.
E-3B	BOEING	SENTRY	4 TF-33-PW-100A	AF	E-3A MODIFIED WITH UPGRADED COMPUTER AND COMMUNICATIONS EQUIPMENT.

## ELECTRONIC SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
KE-3B	BOEING	SENTRY	4 TF-33-PW-100A	SAUDI	KE-3A MODIFIED TO A TACTICAL AIRBORNE SURVEILLANCE SYSTEM CONFIGURATION.
E-3C	BOEING	SENTRY	4 TF-33-PW-100A	AF	E-3A MODIFIED WITH UPGRADED COMPUTER AND COMMUNICATIONS EQUIPMENT. EQUIPPED WITH APY-2 MARITIME RADAR.
JE-3C	BOEING	SENTRY	4 TF-33-PW-100A	AF	E-3C MODIFIED AS A SPECIAL TEST BED FOR E-3 HARDWARE AND SOFTWARE MODIFICATIONS.
E-3D	BOEING	SENTRY	4 CFM-56	UK	USAF E-3A AIRCRAFT PURCHASED BY THE UNITED KINGDOM AND MODIFIED WITH CFM-56 ENGINES AND VARIOUS OTHER EQUIPMENT.
E-4A	BOEING	NONE	4 F-105-PW-100	AF	MILITARY VERSION OF BOEING 747-200B COMMERCIAL TRANSPORT EQUIPPED FOR ADVANCED AIRBORNE NATIONAL COMMAND POST MISSION (3 CREW).
E-4B	BOEING	NONE	4 F-105-PW-100	AF	UPGRADED E-4A WITH MAJOR MODIFICATIONS IN AVIONICS, INFLIGHT REFUELING, INCREASED ELECTRICAL POWER, ENVIRONMENTAL COOLING, AND HIGHER THRUST ENGINES.
E-6A	BOEING	NONE	4 CFM-56	NAVY	COMMUNICATIONS RELAY VARIANT OF BOEING 707. INCLUDES (TACAMO) SUITE, WING-TIP PODS, TRAILING WIRE ANTENNA, AND FOUR 75-KVA GENERATORS.
E-8A	NONE	NONE	TBD	AF	PLATFORM FOR JOINT STARS.
E-8B	BOEING GRUMMAN	NONE	4 CFM56-2A-3	AF	NEW 707 AIRCRAFT WITH UPGRADES TO MISSION EQUIPMENT, FIVE ADDITIONAL O&C CONSOLES, NEW CREW REST LAYOUT, NEW NAV SYSTEM, IMPROVED ECS AND OTHER MINOR CHANGES.

ELECTRONIC SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
E-8C	BOEING GRUMMAN	JOINT STARS	4 P&W JT3D-3B	AF	OPERATIONAL PLATFORM FOR JOINT STARS.
E-9A	DEHAVILLAND	NONE	2 PW12A	AF	TWO ENGINE PROP AIRCRAFT WITH SEA SURVEILLANCE RADAR AND DATA LINK FOR DRONE COMMAND AND CONTROL TO RELAY MISSILE FIRING INFORMATION.



# FIGHTER SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
F-4B	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-8B/-8C	NAVY	CARRIER-BASED, ALL-WEATHER FIGHTER. CARRIES MISSILES AND SPECIAL STORES (2 CREW).
QF-4B	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-8B/-8C	NAVY	F-4B MODIFIED AS RDT&E TARGET DRONE OR DIRECTOR AIRCRAFT.
RF-4B	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-8B/-8C	NAVY	F-4B EQUIPPED FOR PHOTOGRAPHY.
F-4C	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-15	AF	AF VERSION OF F-4B. CARRIES OPTICAL AND GUIDED BOMBS, AIR-TO-AIR MISSILES AND CANNON.
NF-4C	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-15/-17	AF	EXTENSIVELY MODIFIED F-4C FOR TEST PROGRAMS AT THE AF FLIGHT TEST CENTER.
RF-4C	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-15	AF	F-4C MODIFIED FOR PHOTOGRAPHIC AND ELECTRONIC RECONNAISSANCE MISSIONS.
NRF-4C	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-15/-17	AF	EXTENSIVELY MODIFIED RF-4C FOR TEST PROGRAMS AT THE AF FLIGHT TEST CENTER.
QRF-4C	MCDONNELL DOUGLAS	PHANTOM	2 J79-GE-10/-17	AF	FULL SCALE AERIAL TARGET REPLACEMENT FOR QF-106.
F-4D	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-15	AF	UPGRADED F-4C WITH IMPROVED AVIONICS FOR AIR-TO-AIR AND AIR-TO-GROUND OPERATIONS.
NF-4D	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-15/-17	AF	EXTENSIVELY MODIFIED F-4D FOR TEST PROGRAMS AT THE AF FLIGHT TEST CENTER.

FIGHTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
F-4E	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-17	AF/GAF	IMPROVED F-4D WITH EXTRA FUEL CELLS, MANEUVERING SLATS, IMPROVED RADAR, AND INTERNALLY MOUNTED GUN.
NF-4E	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-15/-17	AF	EXTENSIVELY MODIFIED F-4E FOR TEST PROGRAMS AT THE AF FLIGHT TEST CENTER.
QF-4E	MCDONNELL DOUGLAS	PHANTOM	2 J79-GE-10/-17	AF	FULL SCALE AERIAL TARGET REPLACEMENT FOR QF-106.
YF-4E	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-17	AF	F-4E TESTBED AIRCRAFT.
F-4G	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-17	AF	F-4E MODIFIED TO WILD WEASEL CONFIGURATION FOR DEFENSE SUPPRESSION MISSION.
QF-4G	MCDONNELL DOUGLAS	PHANTOM	2 J79-GE-15/-17	AF	FULL SCALE AERIAL TARGET REPLACEMENT FOR QF-106.
F-4J	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-8B	NAVY	UPGRADED F-4E AIRCRAFT EQUIPPED WITH AWG-10 PULSE DOPPLER RADAR AND IMPROVED AVIONICS.
EF-4J	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-8B	NAVY	F-4J MODIFIED FOR ELECTRONIC WARFARE MISSIONS.
YF-4J	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-8B	NAVY	PROTOTYPE F-4J.
F-4K	MCDONNELL DOUGLAS	PHANTOM II	2 SPEY R. SP SR. ROLLS ROYCE	NAVY/UK	UPGRADED F-4B AIRCRAFT EQUIPPED WITH AWR-10 PULSE DOPPLER RADAR, EXTENDABLE NOSE LANDING GEAR FOR CATAPULTING, DROPPEDAILERONS.

FIGHTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
F-4M	MCDONNELL DOUGLAS	PHANTOM II	2 SPEY R. SP SR. ROLLS ROYCE	RAF	RAF ATTACK VERSION OF F-4K WITH INERTIAL NAVIGATION SYSTEM, ANTI-SKID BRAKES, ILS, SELF-START CAPABILITY.
F-4N	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-8B/-8C	NAVY	F-4B UPGRADED DURING "BEELINE" MODIFICATION.
F-4S	MCDONNELL DOUGLAS	PHANTOM II	2 J79-GE-10B	NAVY	F-4J MODIFIED FOR EXTENDED SERVICE LIFE.
F-5A	NORTHROP	FREEDOM FIGHTER	2 J85-GE-13	AF	MID-WING, NOSE GUN, FIGHTER VERSION OF THE T-38A (1 CREW), (FMS) PROGRAM USE.
F-5B	NORTHROP	FREEDOM FIGHTER	2 J85-GE-13	AF	TWO-PLACE FIGHTER/TRAINER VERSION OF F-5A.
F-5E	NORTHROP	TIGER II	2 J85-GE-21	AF	INTERNATIONAL FIGHTER AIRCRAFT. MODIFIED F-5A WITH DIFFERENT ENGINES AND UPDATED/SIMPLIFIED AVIONICS (1 CREW).
RF-5E	NORTHROP	TIGER II	2 J85-GE-21	AF	RECONNAISSANCE VERSION OF F-5E WITH M-39 GUN.
F-5F	NORTHROP	TIGER II	2 J85-GE-21	AF	UPGRADED F-5E. 2-PLACE FIGHTER/TRAINER.
RF-8G	LTV AEROSPACE	CRUSADER	1 J57-P-22	NAVY	SINGLE-PLACE, SWEEP/VARIABLE-INCIDENCE WING, LAND-BASED TRAINER WITH RECONNAISSANCE CAPABILITY.
F-8J	LTV AEROSPACE	CRUSADER	1 J57-P-20A/-420	NAVY	REMANUFACTURED F-8E. INCREASED FUSELAGE STRENGTH, BOUNDARY LAYER CONTROL (BLC), INCREASED WING FATIGUE LIFE, AN/APQ-124 RADAR.

FIGHTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
F-8K	LTV AEROSPACE	CRUSADER	1 J57-P-16/-16B	NAVY	REMANUFACTURED F-8C. FUSELAGE, WING, LANDING GEAR, AND STRUCTURAL CHANGES.
DF-8L	LTV AEROSPACE	CRUSADER	1 J57-P-4A	NAVY	REMANUFACTURED F-8B. FUSELAGE, WING, LANDING GEAR STRUCTURAL CHANGES.
F-14A	GRUMMAN	TOMCAT	2 TF30-P-412	NAVY	CARRIER-BASED, FIGHTER WITH MODIFIED PHOENIX WEAPON SYSTEM FOR FLEET AIR DEFENSE, ESCORT, COMBAT AIR PATROL, AIR SUPERIORITY, AND INTERDICTION MISSIONS (2 CREW).
NF-14A	GRUMMAN	TOMCAT	2 TF3-P404	NAVY	PERMANENT TEST FIGHTER AIRCRAFT. F-14A MODIFIED FOR DEVELOPMENT OF AVIONIC AND WEAPONS SYSTEMS FOR F-14A.
F-14B	GRUMMAN	TOMCAT	2 F401-PW-400	NAVY	UPGRADED F-14A.
NF-14B	GRUMMAN	TOMCAT	2 F401-PW-400	NAVY	F-14B CONFIGURED FOR PERMANENT TEST.
F-14C	GRUMMAN	TOMCAT	2 TF30-P-412	NAVY	UPGRADED F-14A WITH AWG-9 WEAPON CONTROL SYSTEM.
NF-14D	GRUMMAN	TOMCAT	2 F110-GE-400	NAVY	PERMANENT TEST FIGHTER AIRCRAFT. F-14D MODIFIED FOR DEVELOPMENT OF AVIONIC AND WEAPON SYSTEM FOR F-14D.
F-15A	MCDONNELL DOUGLAS	EAGLE	2 F100-PW-100	AF	AIR SUPERIORITY FIGHTER WITH FIXED WING AND TRICYCLE LANDING GEAR. TURBOFAN ENGINES MOUNTED IN THE AFT FUSELAGE SECTION (1 CREW).
YF-15A	MCDONNELL DOUGLAS	EAGLE	2 F100-PW-100	AF	PROTOTYPE F-15A.

FIGHTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
F-15B	MCDONNELL DOUGLAS	EAGLE	2 F100-PW-100	AF	FIGHTER-TRAINER VERSION OF THE F-15A (2 CREW).
NF-15B	MCDONNELL DOUGLAS	EAGLE	2 F100-PW-220	AF	YF-15B MODIFIED WITH CLOSE COUPLED CANARDS, THRUST VECTORING/REVERSING NOZZLES, MODIFIED ROUGH FIELD LANDING GEAR, FOUR CHANNEL DIGITAL FLIGHT CONTROL SYSTEM, AND F-15E AVIONICS.
YF-15B	MCDONNELL DOUGLAS	EAGLE	2 F100-PW-100	AF	PROTOTYPE F-15B.
F-15C	MCDONNELL DOUGLAS	EAGLE	2 F100-PW-100 F100-PW-220	AF	F-15 CONFIGURED WITH PEP-2000 MODIFICATIONS. ALSO FOR FMS PROGRAM.
F-15D	MCDONNELL DOUGLAS	EAGLE	2 F100-PW-100 F100-PW-220	AF	TWO-SEAT VERSION OF F-15C. ALSO FOR FMS PROGRAM.
F-15E	MCDONNELL DOUGLAS	EAGLE	2 F100-PW-220	AF	F-15D MODIFIED WITH IMPROVED FIRE CONTROL AND WEAPONS DELIVERY, LANTIRN AND TEWS TO PERFORM NIGHT, ALL-WEATHER MISSIONS REQUIREMENTS.
F-15S	MCDONNELL DOUGLAS	EAGLE	2 F100-PW-229	SAUDI	AIR SUPERIORITY AND INTERDICTION FIGHTER WITH FIXED WING AND TRICYCLE LANDING GEAR. TURBOFAN ENGINES MOUNTED IN AFT FUSELAGE SECTION. TWO CREW.
F-16A	GENERAL DYNAMICS	FIGHTING FALCON	1 F100-PW-100	AF	LIGHTWEIGHT SUPERSONIC FIGHTER (1 CREW).
NF-16A	GENERAL DYNAMICS	FIGHTING FALCON	1 F100-PW-100	AF	TESTBED AIRCRAFT TO SUPPORT ADVANCED FIGHTER TECHNOLOGY INTEGRATION PROGRAM.

FIGHTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
YF-16A	GENERAL DYNAMICS	FIGHTING FALCON	1 F100-PW-100	AF	PROTOTYPE F-16A.
F-16B	GENERAL DYNAMICS	FIGHTING FALCON	1 F100-PW-100	AF	TWO-SEAT VERSION OF F-16A.
NF-16B	GENERAL DYNAMICS	FIGHTING FALCON	1 F100-PW-100	AF	TESTBED AIRCRAFT USED TO SUPPORT A VARIETY OF SPECIAL TEST PROGRAMS.
YF-16B	GENERAL DYNAMICS	FIGHTING FALCON	1 F100-PW-100	AF	PROTOTYPE F-16B.
F-16C	GENERAL DYNAMICS	FIGHTING FALCON	1 F100-PW-200/229 F100-GE-110/129	AF	UPGRADED F-16A WITH IMPROVED AVIONICS, HEADS-UP DISPLAY, AND ENGINE.
NF-16C	GENERAL DYNAMICS	FIGHTING FALCON	1 F100-PW-200/229 F100-GE-110/129	AF	TESTBED AIRCRAFT USED TO SUPPORT A VARIETY OF SPECIAL TEST PROGRAMS.
RF-16C	GENERAL DYNAMICS	FIGHTING FALCON	1 F100-PW-200/229 F100-GE-110/129	AF	F-16C MODIFIED FOR RECONNAISSANCE.
F-16D	GENERAL DYNAMICS	FIGHTING FALCON	1 F100-PW-200/229 F100-GE-110/129	AF	TWO-SEAT VERSION OF F-16C FOR TRAINING.
NF-16D	GENERAL DYNAMICS	FIGHTING FALCON	1 F100-PW-200-229 F100-GE-100-129	AF	TESTBED AIRCRAFT USED TO SUPPORT A VARIETY OF SPECIAL TEST PROGRAMS.
RF-16D	GENERAL DYNAMICS	FIGHTING FALCON	1 F100-PW-220/229 F100-GE-110/129	AF	F-16D MODIFIED FOR RECONNAISSANCE.

FIGHTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
F-16N	GENERAL DYNAMICS	FIGHTING FALCON	1 F110-GE-100	NAVY	MODIFIED F-16C TO BE USED BY NAVY FOR HIGH PERFORMANCE ALL-WEATHER FIGHTER THREAT SIMULATOR IN THE ADVERSARY TRAINING PROGRAM.
TF-16N	GENERAL DYNAMICS	FIGHTING FALCON	1 F110-GE-100	NAVY	TWO-SEAT F-16N USED TO TEST PILOT PROFICIENCY IN SIMULATING HIGH PERFORMANCE, ALL-WEATHER AGGRESSOR.
F-18A	MCDONNELL DOUGLAS/NORTHROP	HORNET	2 F404-GE-400	NAVY	LIGHT-WEIGHT, MID-WING, SUPERSONIC CARRIER-BASED FIGHTER WITH TWIN VERTICAL STABILIZERS (1 CREW).
TF-18A	MCDONNELL DOUGLAS	HORNET	2 F404-GE-400	NAVY	TWO-PLACE TRAINER VERSION OF F-18A.
F-18L	NORTHROP	HORNET	2 F404-GE-404	NAVY	LAND-BASED VERSION OF F-18A.
F-20A	NORTHROP	NONE	1 F404-GE-100	FMS	MULTIROLE TACTICAL FIGHTER PRIMARILY FOR DEFENSE. DIGITAL ELECTRONICS. FLY-BY-WIRE TECHNOLOGY.
F-21A	ISRAEL AIRCRAFT	KFIR C-1	1 J-79J1E	NAVY	SINGLE SEAT, SUPERSONIC FIGHTER USED FROM NAS OCEANA IN THE ADVERSARY TRAINING ROLE WITH FIGHTER SQ (VF-43).
F-22A	LOCKHEED, BOEING GENERAL DYNAMICS	TBD	2 F119-PW-100	AF	AIR SUPERIORITY FIGHTER WITH STEALTH TECHNOLOGIES, SUPERB AGILITY, TWIN THRUST-VECTORING, AFTERBURNING ENGINES, LONG RANGE, INTEGRATED AVIONICS, ENHANCED RELIABILITY AND MAINTAINABILITY AND SUPERCRUISE PERFORMANCE.
YF-22A	LOCKHEED, BOEING GENERAL DYNAMICS	NONE	2 GE-YF120 PW-YF119	AF	PROTOTYPE SINGLE-SEAT, TWIN ENGINE, SUPERSONIC AIR SUPERIORITY FIGHTER.

FIGHTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
F-22B	LOCKHEED	NONE	2 F119-PW-100	AF	TWO SEAT VERSION OF F-22A.
YF-23A	MCDONNELL DOUGLAS/NORTHROP	NONE	2 GE-YF120 PW-YF119	AF	PROTOTYPE SINGLE-SEAT, TWIN ENGINE, SUPERSONIC AIR SUPERIORITY FIGHTER.
QF-86H	NORTH AMERICAN ROCKWELL	SABRE	1 J73-GE-3F	NAVY	DRONE VERSION OF F-86 INTERCEPTOR WITH LOW SWEEPBACK WINGS AND TAIL AND CLAMHELL CANOPY.
F-100D	NORTH AMERICAN ROCKWELL	SUPER SABRE	1 J57-P/F-21/-21A P&W/FORD	AF	SUPERSONIC JET FIGHTER WITH THIN SWEEPBACK WINGS AND AFTER BURNER. PROVISIONS FOR BUDDY TANKER REFUELING (1 CREW).
QF-100D	NORTH AMERICAN ROCKWELL	SUPER SABRE	1 J57-P/F-21/-21A P&W/FORD	AF	DRONE VERSION OF F-100D USED FOR CAPTIVE MISSILE EVALUATION, CREW TRAINING, AND SYSTEM CHECKOUT.
YQF-100D	NORTH AMERICAN ROCKWELL	SUPER SABRE	1 J57-P/F-21/-21A P&W/FORD	AF	PROTOTYPE QF-100D.
F-100F	NORTH AMERICAN ROCKWELL	SUPER SABRE	1 J57-P/F-21/-21A P&W/FORD	AF	2-SEAT VERSION OF F-100D.
QF-100F	NORTH AMERICAN ROCKWELL	SUPER SABRE	1 J57-P/F-21/-21A P&W/FORD	AF	DRONE VERSION OF F-100F.
F-101B	MCDONNELL DOUGLAS	VOODOO	2 J57-P/F-13/-13A P&W/FORD	AF	SWEEPBACK MID-WING FIGHTER WITH SWEEPBACK 1-PIECE HORIZONTAL STABILIZER SET HIGH ON FIN. TRICYCLE LANDING GEAR (2 CREW).
F-101F	MCDONNELL DOUGLAS	VOODOO	2 J57-P/F-55 P&W/FORD	AF	UPGRADED F-101B.



FIGHTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
F-102A	GENERAL DYNAMICS	DELTA DAGGER	1 J57-P/F-23/-23A P&W/FORD	AF	SUPERSONIC, ALL-WEATHER, DELTA WING INTERCEPTOR. TRICYCLE LANDING GEAR, AFT FUSELAGE-MOUNTED SPEED BRAKES AND DRAG CHUTE (1 CREW).
QF-102A	GENERAL DYNAMICS	DELTA DAGGER	1 J57-P/F-23/-23A P&W/FORD	AF	DRONE VERSION OF F-102A USED FOR CAPTIVE MISSILE EVALUATION, CREW TRAINING, AND SYSTEM CHECKOUT.
TF-102A	GENERAL DYNAMICS	DELTA DAGGER	1 J57-P/F-23/-23A P&W/FORD	AF	F-102A MODIFIED TO A 2-PLACE SIDE-BY-SIDE TRAINER.
F-104G	LOCKHEED	STARFIGHTER	1 J79-GE-11A	AF	SINGLE-PLACE, MID-WING, LIGHTWEIGHT, HIGH PERFORMANCE FIGHTER (1 CREW).
TF-104G	LOCKHEED	STARFIGHTER	1 J79-GE-11A	AF	F-104G MODIFIED FOR TRAINING (2 CREW).
F-105B	JAPAN/FAIRCHILD HILLER	THUNDERCHIEF	1 J75-P-19	AF	MID-WING, HIGH-PERFORMANCE, FIGHTER-BOMBER (1 CREW).
F-105D	FAIRCHILD HILLER	THUNDERCHIEF	1 J75-P-19W	AF	UPGRADED F-105B WITH WATER INJECTION ENGINE AND ADVANCED ELECTRONICS. SUPERSONIC ALL-WEATHER WEAPONS DELIVERY CAPABILITY (1 CREW).
F-105F	FAIRCHILD HILLER	THUNDERCHIEF	1 J75-P-19W	AF	TWO-PLACE VERSION OF F-105D.
F-105G	FAIRCHILD HILLER	THUNDERCHIEF	1 J75-P-19W	AF	UPGRADED F-105F.
F-106A	GENERAL DYNAMICS	DELTA DART	1 J75-P-17	AF	DELTA WING FIGHTER SIMILAR TO F-102A. HAS DIFFERENT ENGINE, TAIL, FUSELAGE FUEL TANK, ARMAMENT AND ELECTRONIC EQUIPMENT (1 CREW).

FIGHTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
QF-106A	GENERAL DYNAMICS	DELTA DART	1 J75-P-17	AF	MODIFIED F-106A EQUIPPED WITH REMOTE CONTROL AND USED AS A HIGH PERFORMANCE THREAT TARGET.
YQF-106A	SPERRY CORP	DELTA DART	1 J-75-17	AF	PROTOTYPE QF-106A TARGET.
F-106B	GENERAL DYNAMICS	DELTA DART	1 J75-P-17	AF	UPGRADED F-106A (2 CREW).
QF-106B	GENERAL DYNAMICS	DELTA DART	1 J75-P-17	AF	MODIFIED F-106B EQUIPPED WITH REMOTE CONTROL AND USED AS A HIGH PERFORMANCE THREAT TARGET.
YQF-106B	SPERRY CORP	DELTA DART	1 J-75-17	AF	PROTOTYPE QF-106B TARGET.
F-111A	GENERAL DYNAMICS	NONE	2 TF30-P-1/-3	AF	ALL-WEATHER, TACTICAL FIGHTER WITH VARIABLE SWEEP WING, CREW CAPSULE (2 CREW).
EF-111A	GENERAL DYNAMICS GRUMMAN	RAVEN	2 TF30-P-109	AF	F-111 EXTENSIVELY MODIFIED AND EQUIPPED WITH ADVANCED ELECTRONIC DETECTION, JAMMING, AND COUNTERMEASURES EQUIPMENT. PERFORMS ESCORT DEFENSE SUPPRESSION FOR TACTICAL ATTACK FORCES.
NF-111A	GENERAL DYNAMICS	NONE	2 TF30-P-1/-3	AF	TESTBED AIRCRAFT WITH UNIQUE WINGS USED TO STUDY FUEL ECONOMY AND MANEUVERABILITY.
F-111C	GENERAL DYNAMICS	NONE	2 TF30-P-3	RAAF	A COMBINATION OF THE USAF F-111A FIGHTER AND PROPOSED BOMBER VERSION USED FOR GROUND STRIKE BY THE AUSTRALIAN GOVERNMENT.
F-111D	GENERAL DYNAMICS	NONE	2 TF30-P-3	AF	UPGRADED F-111A.

FIGHTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
F-111E	GENERAL DYNAMICS	NONE	2 TF30-P-3/-9	AF	F-111A WITH MODIFIED AIR INLETS.
F-111F	GENERAL DYNAMICS	NONE	2 TF30-P-100	AF	UPGRADED F-111D WITH DIFFERENT ENGINE AND AVIONICS.
F-111G	GENERAL DYNAMICS	NONE	2 TF30-P-107	AF	FB-111A AIRCRAFT MODIFIED TO PERFORM TACTICAL MISSION REQUIREMENTS.
F-117A	LOCKHEED	NIGHTHAWK	2 F404-GE-F102	AF	SINGLE SEAT, DUAL ENGINE AIRCRAFT WITH LOW OBSERVABLE OR "STEALTH" CHARACTERISTICS.

# GLIDER SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
TG-3A	SCHWEIZER	NONE		AF	NON-MOTORIZED GLIDER USED FOR TRAINING AT THE AIR FORCE ACADEMY.
TG-4A	SCHWEIZER	NONE		AF	NON-MOTORIZED GLIDER USED FOR TRAINING AT THE AIR FORCE ACADEMY.
TG-7A	SCHWEIZER	NONE	1 LYCOMING 0-35	AF	MOTORIZED GLIDER USED FOR CADET TRAINING.
RG-8A	SCHWEIZER	NONE	1 LYCOMING 0-35	ARMY	MOTORIZED GLIDER.
TG-9A	SCLEICHER	NONE		AF	TANDEM TWO-SEAT COMPETITION AND TRAINING SAILPLANE.
TG-10A	LET FLUGZEUGWERKE	NONE		AF	NON-MOTORIZED GLIDER USED FOR TRAINING AT THE AIR FORCE ACADEMY.
TG-11A	STEMME GMBH & CO	NONE	1 LIMBACH L2400	AF	MOTORIZED GLIDER USED FOR TRAINING AT THE AIR FORCE ACADEMY.

# HELICOPTER SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
AH-1E	BELL	HUEY/COBRA	1 T53-L703	ARMY	AH-1S WITH ENHANCED ARMAMENT SYSTEM.
UH-1E	BELL	IROQUOIS	1 T53-L-11/THRU-11D LYCOMING	NAVY	UPGRADED UH-1D.
NUH-1E	BELL	IROQUOIS	1 T53-L-11/THRU-11D LYCOMING	NAVY	UH-1E CONFIGURED FOR PERMANENT TEST.
AH-1F	BELL	COBRA/TOW	1 T53-L703	ARMY	AH-1S WITH MODERNIZED SOFTWARE AND HARDWARE.
TH-1F	BELL	IROQUOIS	1 T58-GE-3	AF	UH-1F MODIFIED FOR INSTRUMENT AND HOIST TRAINING.
UH-1F	BELL	IROQUOIS	1 T58-GE-3	AF	AF VERSION OF UH-1E WITH MODIFIED TAIL BOOM AND SKID LANDING GEAR. LOGISTICS SUPPORT TO SAC ICBM UNITS (1 CREW, 10 PASSENGERS).
AH-1G	BELL	COBRA	1 T53-L-13/-13A/-13B LYCOMING	ARMY/NAVY	ATTACK HELICOPTER WITH 540 ROTOR SYSTEM, REDUCED CABIN FRONTAL AREA CHIN-MOUNTED GUN TURRET, AND EXTERNAL ARMAMENT.
TH-1G	BELL	COBRA	1 T53-L-13 LYCOMING	ARMY	AH-1G MODIFIED FOR TRAINING.
EH-1H	BELL	IROQUOIS	1 T53-L-13	ARMY	UH-1H MODIFIED FOR ELECTRONIC COUNTERMEASURES. ARMY SECURITY AGENCY EW EQUIPMENT.
HH-1H	BELL	IROQUOIS	1 T53-L-13B	AF	UH-1H MODIFIED FOR LOCAL BASE RESCUE.
UH-1H	BELL	IROQUOIS	1 T53-L-13	ARMY/NAVY	UTILITY/TRANSPORT WITH ONE 2-BLADE MAIN ROTOR AND ONE 2-BLADE TAIL ROTOR (1 CREW, 11 PASSENGERS).

# HELICOPTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
AH-1J	BELL	SEA COBRA	1 T4000-CP-400	NAVY	UPGRADED AH-1G WITH MARINE CORPS AVIONICS, ROTOR BRAKE, AND NEW ARMAMENT SYSTEM.
HH-1K	BELL	IROQUOIS	1 T53-L-13/-13A/-13B	NAVY	UPGRADED UH-1E WITH INTERNATIONAL ORANGE PAINT.
TH-1L	BELL	IROQUOIS	1 T53-L-13/-13A/-13B	NAVY	UH-1E MODIFIED FOR TRAINING.
UH-1L	BELL	IROQUOIS	1 T53-L-13/-13A/13B	NAVY	UPGRADED UH-1E. ARMOR AND ARMAMENT DELETED.
HH-1N	BELL	IROQUOIS	1 T400-CP-400	NAVY	UH-1N MODIFIED FOR SEARCH AND RESCUE, WITH PROTECTIVE WEAPON FIRE CAPABILITY REMOVED.
UH-1N	BELL	IROQUOIS	1 *T400-CP-400 *TWO POWER SECTIONS	NAVY	UH-1H RECONFIGURED TO TRANSPORT SPECIAL TEAMS AND EQUIPMENT TO FORWARD AREA MEDICAL INSTALLATIONS. CAPABLE OF SELF-DEFENSE IN A HOSTILE ENVIRONMENT. ALSO STAFF TRANSPORT VERSION (2 CREW, 7 PASSENGERS).
NUH-1N	BELL	IROQUOIS	1 *T400-CP-400 *TWO POWER SECTIONS	NAVY	NUH-1N UNIQUELY CONFIGURED FOR TEST AND EVALUATION.
AH-1P	BELL	COBRA/TOW	1 T53-L703	ARMY	AH-1S WITH REDUCED GLINT CANOPY, NIGHT VISION GOGGLE COCKPIT, RADAR WARNING SYSTEM.
UH-1P	BELL	IROQUOIS	1 T58-GE-3	AF	UPGRADED UH-1F MODIFIED TO PERFORM CLASSIFIED MISSIONS.
AH-1S	BELL	HUEY/COBRA	1 T53-L-703 LYCOMING	ARMY	UPGRADED AH-1G MODIFIED TO FIRE TOW MISSILES.

# HELICOPTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
TH-1S	BELL	COBRA/TOW	1 T53-L-703	ARMY	AH-1S MODIFIED FOR TRAINING.
TAH-1S	BELL	COBRA/TOW	1 T53-L-703	ARMY	AH-1S MODIFIED FOR TRAINING AH-64 FLIGHT CREWS.
AH-1T	BELL	SEA COBRA	2 T400-WV-402	NAVY	MODIFIED AH-1J MODEL WITH TWIN PACK ENGINE, EXTENDED FUSELAGE AND PROVISIONS FOR TOW MISSILES.
JAH-1T	BELL	SEA COBRA	2 T400-WV-402	NAVY	AH-1T CONFIGURED FOR TEMPORARY TESTING.
EH-1U	BELL	IROQUOIS	1 T53-L-13	ARMY	UPGRADED UH-1H WITH MODIFIED CARGO BAY (QUICK FIX).
UH-1V	BELL	IROQUOIS	1 T53-L-13	ARMY	UPGRADED UH-1H MODIFIED WITH SPECIAL AVIONICS FOR MEDICAL EVACUATION MISSION.
AH-1W	BELL	SEA COBRA	2 T700-GE-401	NAVY	TWO-PLACE ASSAULT-TYPE HELICOPTER.
EH-1X	BELL	IROQUOIS	1 T53-L-13	ARMY	SIMILAR TO UH-1H EXCEPT FOR DIFFERENT ELECTRICAL SYSTEM, MODIFIED CARGO, AND SPECIAL EW & ECM EQUIPMENT. CREW: PILOT, COPILOT, AND 2 OPERATORS.
UH-2C	KAMAN	SEASPRITE	2 T58-GE-8B/-8F	NAVY	TRANSPORT WITH ONE MAIN ROTOR. AND 4-BLADE TAIL ROTOR.
HH-2D	KAMAN	SEASPRITE	2 T58-GE-8B/-8F	NAVY	UPGRADED UH-2C. ALSO NHH-2D.
SH-2D	KAMAN	SEASPRITE	2 T58-GE-8B/	NAVY	UPGRADED HH-2D MODIFIED TO INTERIM (LAMPS) CONFIGURATION FOR ASW AND ASMD MISSIONS.
YSH-2E	KAMAN	SEASPRITE	2 T58-GE-8B/-8F	NAVY	HH-2D MODIFIED TO ADVANCED LAMPS CONFIGURATION.

HELICOPTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
SH-2F	KAMAN	SEASPRITE	2 T58-8F	NAVY	SH-2D HELICOPTER WITH HIGH-STRENGTH LANDING GEAR, DOPPLER RESISTOR, TORPEDO SOLENOID, AND (LN66) RADAR IMPROVEMENTS.
SH-2G	KAMAN	SEASPRITE	2 T700-GE-401	NAVY	PRODUCTION VERSION OF YSH-2G WITH FULL MISSION AVIONICS SUITE INSTALLED.
YSH-2G	KAMAN	SEASPRITE	2 T700-GE-401	NAVY	PROTOTYPE UPGRADE OF SH-2F.
HH-3A	SIKORSKY	SEA KING	2 T58-GE-8F	NAVY	SH-3A WITH ARMOR, 7.62 MM MINIGUN, DECK-EDGE REFUELING CAPABILITY, EXTERNAL FUEL TANKS. SONAR EQUIPMENT REMOVED.
SH-3A	SIKORSKY	SEA KING	2 T58-GE-8B	NAVY	ONE 5-BLADE MAIN ROTOR AND ONE 5-BLADE TAIL ROTOR, RETRACTABLE MAIN GEAR AND AMPHIBIOUS HULL. ALL-WEATHER ASW (4 CREW). ALSO STAFF TRANSPORT VERSION.
UH-3A	SIKORSKY	SEA KING	2 T58-GE-8B	NAVY	RH-3A MODIFIED FOR DRONE TARGET RECOVERY, TORPEDO LAUNCH/RECOVERY, LOGISTICS SUPPORT, RANGE SURVEILLANCE, AND SEARCH AND RESCUE.
NSH-3A	SIKORSKY	SEA KING	2 T58-GE-8B	NAVY	SH-3A CONFIGURED FOR PERMANENT TEST.
NVH-3A	SIKORSKY	SEA KING	2 T58-GE-8F	NAVY	VH-3A MODIFIED TO BE COMMON AVIONICS INTEGRATION TESTBED AIRCRAFT FOR ALL STAFF HELICOPTERS.
CH-3B	SIKORSKY	SEA KING	2 T58-GE-8B	NAVY	ONE MAIN ANTI-TORQUE ROTOR. LAND OR WATER OPERATIONS FOR LOGISTICS SUPPORT, DRONE RECOVERY AND AIRLIFT OPERATIONS. ASW EQUIPMENT REMOVED (3 CREW, 25 PASSENGERS).
SH-3D	SIKORSKY	SEA KING	2 T58-GE-10	NAVY	UPGRADED SH-3A WITH INTERNALLY MOUNTED FUEL TANK. CRUISE GUIDE SYSTEM. ALSO STAFF TRANSPORT VERSION.



HELICOPTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
CH-3E	SIKORSKY	SEA KING	2 T58-GE-5	AF	UPGRADED CH-3B WITH REAR LOADING RAMP.
HH-3E	SIKORSKY	JOLLY GREEN GIANT	2 T58-GE-5	AF	UPGRADED CH-3B WITH ARMOR AND EQUIPMENT FOR AIRCREW RECOVERY IN COMBAT AREAS. EQUIPPED FOR MID-AIR REFUELING.
HH-3F	SIKORSKY	SEA KING	2 T58-GE-8B/-8F	CG	MODIFIED VERSION OF AF CH-3E.
SH-3G	SIKORSKY	SEA KING	2 T58-GE-8B/-8F	NAVY	SH-3A RECONFIGURED FOR ASW/LOGISTICS SUPPORT MISSIONS.
SH-3H	SIKORSKY	SEA KING	2 T58-GE-10	NAVY	SH-3G MODIFIED TO IMPROVE ASW PERFORMANCE AND ADD ASD (ANTI-SHIP MISSILE DEFENSE) CAPABILITY.
UH-3H	SIKORSKY	SEA KING	2 T58-GE-TURBINE	NAVY	MODIFIED SH-3H PREVIOUSLY USED FOR ANTI-SUBMARINE WARFARE (ASW). DURING SH-3H SLEP, ALL ASW EQUIPMENT WILL BE REMOVED TO RECONFIGURE TO SEARCH AND RESCUE/UTILITY ROLE.
YSH-3J	SIKORSKY	SEA KING	2 T58-GE-10	NAVY	SH-3H MODIFIED AS TEST BED FOR LAMPS MARK III (4 CREW).
OH-6A	HUGHES	CAYUSE	1 T63-A-5A/700	ARMY	LIGHT OBSERVATION HELICOPTER WITH 4-BLADE ROTOR. USED FOR RECONNAISSANCE, TARGET ACQUISITION, COMMAND/CONTROL.
CH-46A	VERTOL	SEA KNIGHT	2 T58-GE-8B/-8F	NAVY	MARINE CORPS TROOP/CARGO TRANSPORT. TANDEM 3-BLADE ROTORS (3 CREW, 17 TROOPS, OR 15 LITTERS).
HH-46A	VERTOL	SEA KNIGHT	2 T58-GE-8B/-8F	NAVY	CH-6A AND UH-46A MODIFIED WITH AN/APN-182 DOPPLER RADAR, EXTERNAL PERSONNEL RESCUE HOIST, AND CRASH RESISTANT FUEL SYSTEM.
UH-46A	VERTOL	SEA KNIGHT	2 T58-GE-8B/-8F	NAVY	CH-46A MODIFIED FOR NAVY VERTICAL REPLENISHMENT PROGRAM.

HELICOPTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
NCH-46A	VERTOL	SEA KNIGHT	2 T58-GE-8B/-8F	NAVY	CH-46A CONFIGURED FOR PERMANENT TEST.
CH-46D	VERTOL	SEA KNIGHT	2 T58-GE-10	NAVY	UPGRADED CH-46A.
UH-46D	VERTOL	SEA KNIGHT	2 T58-GE-10	NAVY	UPGRADED UH-46A.
CH-46E	VERTOL	SEA KNIGHT	2 T58-GE-16	NAVY	UPGRADED CH-46D WITH INFRARED SUPPRESSION DEVICES FOR EXHAUST SYSTEM.
CH-46F	VERTOL	SEA KNIGHT	2 T58-GE-10	NAVY	UPGRADED CH-46D.
CH-47D	VERTOL	CHINOOK	2 T55-L-712 P&W	ARMY	UPGRADED CH-47A/B/C MODELS. TANDEM ROTOR TRANSPORT FOR CARGO, TROOPS, AND WEAPONS DURING DAY/NIGHT/VISUAL/INSTRUMENT CONDITIONS. ALL WEATHER FLIGHT CAPABLE, QUADRICYCLE GEAR, REAR LOADING (3 CREW, 33 PASSENGERS).
MH-47D	BOEING	CHINOOK	2 LYCOMING T55-L-712	ARMY	CH-47D MODIFIED WITH ADDITIONAL AVIONICS, PRECISION NAVIGATION SYSTEM, FLIR, AIR-TO-AIR REFUELING SYSTEM, LARGER FUEL TANKS, AND MODIFIED COCKPIT.
MH-47E	VERTOL	CHINOOK	2 T55-L-714	ARMY	CH-47D MODIFIED WITH ADDITIONAL AVIONICS, NAVIGATION SYSTEMS, AND AIRCRAFT SURVIVABILITY EQUIPMENT.
HH-52A	SIKORSKY	NONE	1 T58-GE-8B	CG	AMPHIBIOUS SEARCH/RESCUE TRANSPORT (3 CREW).
CH-53A	SIKORSKY	SEA STALLION	2 T64-GE-6B	NAVY	CARGO/TROOP TRANSPORT USED FOR AMPHIBIOUS ASSAULT AND SHORE OPERATIONS WITH 6-BLADE MAIN ROTOR (3 CREW).
TH-53A	SIKORSKY	NONE	2 T64-GE-7A	AF	H-53 MODIFIED TO CONDUCT BASIC AND INITIAL QUALIFICATION TRAINING FOR THE AIR FORCE.

HELICOPTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
NCH-53A	SIKORSKY	NONE	2 T64-GE-6B	AF	CH-53A PERMANENTLY MODIFIED FOR SPECIAL TEST.
HH-53B	SIKORSKY	SUPER JOLLY	2 T64-GE-13	AF	CH-53A RECONFIGURED FOR COMBAT ARRS. ARMED WITH 3 7.62MM MINIGUNS. AIR REFUELING CAPABILITY (6 CREW).
CH-53C	SIKORSKY	SUPER JOLLY	2 T64-GE-7	AF	HH-53B MODIFIED TO CARGO CONFIGURATION.
HH-53C	SIKORSKY	SUPER JOLLY	2 T64-GE-7	AF	UPGRADED HH-53B.
CH-53D	SIKORSKY	SEA STALLION	2 T64-GE-413	NAVY	UPGRADED CH-53A.
RH-53D	SIKORSKY	SEA STALLION	2 T64-GE-415A	NAVY	CH-53D WITH EXTERNAL FUEL TANKS AND AMCM EQUIPMENT.
NRH-53D	SIKORSKY AIRCRAFT	SEA STALLION	2 T64-GE-415	NAVY	MODIFIED RH-53D WITH DOPPLER RADAR, UNIQUE FLIGHT CONTROL SYSTEM, UNIQUE COCKPIT CONFIGURATION USED TO DEVELOP MINE COUNTERMEASURES SYSTEMS.
CH-53E	SIKORSKY	SUPER STALLION	3 T64-GE-416	NAVY	MARINE AMPHIBIOUS ASSAULT TRANSPORT FOR SHIP TO SHORE LOGISTICS SUPPORT.
MH-53E	SIKORSKY	NONE	3 T64-GE-416	NAVY	CH-53E MODIFIED WITH LARGER FUEL TANKS AND AIRBORNE MINE COUNTERMEASURES (AMCM) EQUIPMENT.
JCH-53E	SIKORSKY	SUPER STALLION	3 T64-GE-416	NAVY	CH-53E CONFIGURED FOR TEMPORARY TESTING.
NMH-53E	SIKORSKY	NONE	3 T64-GE-416	NAVY	YCH-53E MODIFIED WITH AMCM EQUIPMENT AND FUEL TANKS FOR PERMANENT TESTING.
YCH-53E	SIKORSKY	SUPER STALLION	3 T46-GE-416	NAVY	PROTOTYPE CH-53E.

HELICOPTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
HH-53H	SIKORSKY	NONE	2 T64-GE-415	AF	MODIFIED HH-53C WITH PAVE LOW III.
MH-53H	SIKORSKY	NONE	2 T64-GE-415	AF	MULTIPLE MISSION HH-53H WITH PAVE LOW III MODIFICATIONS.
YHH-53H	SIKORSKY	NONE	2 T64-GE-415	AF	PROTOTYPE HH-53H.
MH-53J	SIKORSKY	NONE	2 T64-GE-415	AF	MODIFIED HH-53C TO INCLUDE ENHANCED PAVE LOW III AND OTHER MODIFICATIONS - MULTIPLE MISSIONS.
CH-54A	SIKORSKY	TARHE	2 JFTD-12A-4A P&W	ARMY	SIKORSKY MODEL S-64A WITH 20,000 POUND LIFT CAPACITY. 1 MAIN LIFTING ROTOR, 1 ANTI-TORQUE TAIL ROTOR, TRICYCLE LANDING GEAR. LIMITED FLIGHT CONTROLS FOR AFT-FACING PILOT DURING WINCH OPERATIONS. SINGLE POINT HOSTING SYSTEM.
CH-54B	SIKORSKY	TARHE	2 JFTD-12A-56 P&W	ARMY	UPGRADED CH-54A WITH 25,000 POUND LIFT CAPACITY.
TH-55A	HUGHES	OSAGE	1 H10-360-B1A LYCOMING	ARMY	VFR FLIGHT TRAINING. SINGLE ARTICULATED ROTOR (2 CREW).
TH-57A	BELL	SEA RANGER	1 250-C18 ALLISON	NAVY	TRAINER VERSION OF BELL CO MODEL 206A. SINGLE BLADE MAIN ROTOR, SKID-TYPE GEAR, DUAL FLIGHT CONTROLS (5 SEATS).
TH-57B	BELL	SEA RANGER	1 250-C20J ALLISON	NAVY	UPGRADED TH-57A WITH MORE POWERFUL ENGINE AND NEW AVIONICS.
TH-57C	BELL	SEA RANGER	1 250-C20J ALLISON	NAVY	UPGRADED TH-57B WITH DUAL PILOT IFR AVIONICS, 3-AXIS STABILITY AUGMENTATION SYSTEM, AND GREATER FUEL CAPACITY.
OH-58A	BELL	KIOWA	1 T63-A-5A	ARMY/NAVY	SINGLE ROTOR, LIGHT OBSERVATION VEHICLE WITH PROVISIONS FOR XM-27E1 ARMAMENT SYSTEM AND PASSIVE DEFENSE (2 CREW, 2 PASSENGERS, OR 40 LBS CARGO).

# HELICOPTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
OH-58C	BELL	KIOWA	1 T63-A-720 ALLISON	ARMY	UPGRADED OH-58A.
OH-58D	BELL	KIOWA WARRIOR	1 T703-AD-700 ALLISON	ARMY	UPGRADED OH-58C. ARMY HELICOPTER IMPROVEMENT PROGRAM/NEAR TERM SCOUT HELICOPTER (AHIP/NTSH) WITH A MAST MOUNTED SIGHT (MMS).
EH-60A	SIKORSKY	BLACK HAWK	2 T-700-GE-700	ARMY	UH-60A WITH THE ELECTRICAL SYSTEM AND CARGO AREA MODIFIED TO PROVIDE POWER AND SPACE FOR INSTALLATION OF SPECIAL ELECTRONIC MISSION EQUIPMENT AND TWO MISSION SYSTEM OPERATORS.
HH-60A	SIKORSKY	NIGHT HAWK	2 T-700-GE-700	AF	UH-60 CONFIGURED WITH NIGHT OPERATIONS AVIONICS, EXTENDED RANGE, AND UNIQUE COMBAT RESCUE EQUIPMENT.
MH-60A	SIKORSKY	BLACK HAWK	2 GE T700/701C	ARMY	UH-60A MODIFIED WITH ADDITIONAL AVIONICS, PRECISION NAVIGATION SYSTEM, FLIR, AIR-TO-AIR REFUELING SYSTEM, LARGER FUEL TANKS, AND MODIFIED COCKPIT.
UH-60A	SIKORSKY	BLACK HAWK	2 T-700-GE-700	AF/ARMY	FULLY ARTICULATED, SINGLE ROTOR, UTILITY/TACTICAL TRANSPORT WITH 2 MAIN WHEELS, 1 TAIL WHEEL (3 CREW, 11 COMBAT TROOPS).
SH-60B	SIKORSKY	SEA HAWK	2 T700-GE-401	NAVY	UH-60A CONFIGURED FOR NAVY USE WITH DIFFERENT AVIONICS AND LAMPS MK III SYSTEM.
NSH-60B	SIKORSKY	SEA HAWK	2 T700-GE-401	NAVY	SH-60B CONFIGURED FOR PERMANENT TEST.
YEH-60B	SIKORSKY	BLACK HAWK	2 GE T-700	ARMY	UH-60A MODIFIED FOR RADAR INSTALLATION AND SPECIAL AVIONICS. PROTOTYPE FOR STANDOFF TARGET ACQUISITION SYSTEM.

HELICOPTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
YSH-60B	SIKORSKY	SEA HAWK	2 T700-GE-401	NAVY	SH-60B AIRCRAFT WITH UNIQUE CONFIGURATION. REQUIRES MORE MANPOWER AND SPECIAL PARTS.
EH-60C	SIKORSKY	BLACK HAWK	2 GE T-700	ARMY	UH-60A MODIFIED WITH SPECIAL ELECTRONIC EQUIPMENT AND EXTERNAL ANTENNA (QUICK FIX).
UH-60C	SIKORSKY	BLACK HAWK	2 T700-GE-700	ARMY	UH-60A AIRCRAFT MODIFIED/EQUIPPED WITH SYSTEMS FOR COMMAND AND CONTROL (C2) MISSION.
HH-60D	SIKORSKY	NIGHT HAWK	2 T700-GE-401	AF	UH-60A CONFIGURED FOR AF USE WITH AVIONICS FOR NIGHT/ADVERSE WEATHER OPERATIONS, EXTENDED RANGE, AND UNIQUE COMBAT RESCUE EQUIPMENT.
VH-60D	SIKORSKY	NIGHT HAWK	2 T700-GE-401	MARINE	MODIFIED HH-60D USED TO TRANSPORT THE PRESIDENT, VICE PRESIDENT, AND WHITE HOUSE STAFF.
HH-60E	SIKORSKY	NIGHT HAWK	2 T700-GE-701	AF	HH-60D WITHOUT NIGHT/ADVERSE WEATHER AVIONICS.
SH-60F	SIKORSKY	SEA HAWK	2 T700-GE-401	NAVY	MODIFIED SH-60B WITH DIPPING SONAR AND RECONFIGURED AVIONICS.
HH-60G	SIKORSKY	PAVE HAWK	2 T700-GE-700/701	AF	DERIVATIVE UH-60A FOR USE IN COMBAT SEARCH AND RESCUE OPERATIONS. INCLUDES INFLIGHT REFUELING CAPABILITY, RANGE EXTENSION TANKS WEATHER RADAR, SATCOM, EXTERNAL HOIST, AND OTHER IMPROVED EQUIPMENT.
MH-60G	SIKORSKY	PAVE HAWK	2 T700-GE-700/701	AF	MODIFIED UH-60A INCLUDING INFLIGHT REFUELING CAPABILITY, RANGE EXTENSION TANK, MAP DISPLAY, WEATHER RADAR, FLIR, AND OTHER IMPROVED EQUIPMENT. MULTI-USE HELICOPTER FOR SPECIAL OPERATIONS FORCES (SOF) MISSIONS.

HELICOPTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
HH-60H	SIKORSKY	SEA HAWK	2 T700-GE-401	NAVY	MODIFIED SH-60F EQUIPPED WITH DEFENSIVE AND OFFENSIVE WEAPONRY.
HH-60J	SIKORSKY	SEA HAWK	2 T700-GE-401	NAVY	MODIFIED SH-60F, SINGLE MAIN AND TAIL ROTOR CLASS II HELICOPTER.
MH-60K	SIKORSKY	BLACK HAWK	2 TBD	ARMY	UH-60A WITH MODIFIED COCKPIT TO INCLUDE HUMAN ENGINEERING TO REDUCE PILOT WORKLOAD, ADDITIONAL AVIONICS, NAVIGATION, AND AIRCRAFT SURVIVABILITY EQUIPMENT.
MH-60L	SIKORSKY	BLACK HAWK	2 T700-GE-701C	ARMY	UH-60L WITH VARIOUS MODS TO INCLUDE UPDATED COCKPIT, ADDITIONAL AVIONICS, PRECISION NAV SYS, FLIR, AIRCRAFT SURVIVABILITY EQUIPMENT, EXTERNAL TANK SYSTEM. PROVIDE MEDIUM & UTILITY HELICOPTER SUPPORT TO SOF UNIQUE MISSIONS.
UH-60L	SIKORSKY	BLACK HAWK	2 T-700-GE-701C	ARMY	UH-60A MODIFIED WITH UPGRADED ENGINES USED TO CONDUCT WORLDWIDE UTILITY TACTICAL TRANSPORT FOR THE ARMY.
UH-60M	SIKORSKY	BLACK HAWK	2 T-700-GE-701C	ARMY	UH-60L MODIFIED WITH COMPOSITE ROTOR SYSTEM, ENLARGED INTERNAL FUEL TANKS, LARGER LOWER COCKPIT CONSOLE, ON-BOARD ROTOR TRACK AND BALANCE SYSTEM, DIGITAL AUTOMATIC FLIGHT CONTROL SYSTEM, AND A 12-INCH LONGER FORWARD CABIN.
VH-60N	SIKORSKY	NIGHT HAWK	2 T700-GE-401	USMC	MODIFIED HH-60D USED TO TRANSPORT THE PRESIDENT, VICE PRESIDENT, AND WHITE HOUSE STAFF.
UH-60P	SIKORSKY	BLACK HAWK	2 T700-GE-701C	ROK	SIMILAR TO THE UH-60L CONFIGURED FOR REPUBLIC OF KOREA USE.

HELICOPTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
UH-60Q	SIKORSKY	BLACK HAWK	2 T700-GE-700	ARMY	UH-60A MODIFIED FOR MEDICAL EVACUATION.
SH-60R	SIKORSKY	SEAHAWK	2 T700-GE-401C	NAVY	MODIFIED SH-60B WITH IMPROVED RADAR SYSTEM, ELECTRONIC SUPPORT SYSTEM, CONTROL AND DISPLAY, AND AIRBORNE FREQUENCY SONAR SUBSYSTEMS.
AH-64A	HUGHES	APACHE	2 T700-GE-700	ARMY	ATTACK HELICOPTER WITH 4-BLADE ARTICULATED MAIN ROTOR, 4-BLADE TAIL ROTOR AND 3-POINT LANDING GEAR. CARRIES HELLFIRE MISSILE SYSTEM AND 30MM CANNON. STANDOFF DAY/NIGHT/ADVERSE WEATHER CAPABILITY.
YAH-64A	HUGHES	APACHE	2 T700-GE-700	ARMY	PROTOTYPE AH-64A.
AH-64B	HUGHES	APACHE	2 GE T-701	ARMY	MODIFIED AH-64A WITH EXPANDED AVIONICS. CARRIES STINGER MISSILE. (CANCELLED 23 JUN 92).
AH-64D	MCDONNELL DOUGLAS HELO SYS	APACHE	2 T700-GE-701/701C	ARMY	MODIFIED AH-64A WITH MISSION EQUIPMENT PACKAGE AND COCKPIT ENHANCEMENTS. THE -701C ENGINES ARE USED WHEN CONFIGURED WITH THE FIRE CONTROL RADAR MISSION KIT.
HH-65A	AEROSPACE HELICOPTER CORP	DOLPHIN	2 LTS-101-750	CG	
RAH-66A	SIKORSKY	COMANCHE	2 T800 TURBINE	ARMY	LIGHTWEIGHT, TWIN ENGINE ADVANCED TECHNOLOGY ATTACK AND ARMED RECONNAISSANCE HELICOPTER.
TH-67A	BELL HELICOPTER TEXTRON, INC.	CREEK	1 250-C20JN	ARMY	PRODUCTION YTH-67A.



# HELICOPTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
YTH-67A	TBD	CREEK	TBD	ARMY	PROTOTYPE INITIAL ENTRY-LEVEL ROTARY WING AIRCRAFT FOR TRAINING ARMY FLIGHT PERSONNEL.

## OBSERVATION SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
O-1A	TBD	NONE		AF	
O-2A	CESSNA	NONE	2 10-360-C/-D	AF	HIGH-WING MONOPLANE WITH TWIN TAIL BOOMS, AFT PUSHER AND FORWARD PULLER ENGINES AND RETRACTABLE LANDING GEAR. USED FOR FORWARD AIR CONTROL MISSION (2 CREW).
O-2B	CESSNA	NONE	2 10-360-C/-D	AF	UPGRADED O-2A WITH LARGE CARGO DOOR, SPEAKER/AMPLIFIER SYSTEM, AND LEAFLET DISPENSER.
O-5A	DEHAVILLAND	NONE	4 PT-106 TURBOPROP	ARMY	PERFORMS DAY AND NIGHT AIRBORNE OBSERVATION/RECONNAISSANCE.
EO-5B	DEHAVILLAND	NONE	4 PT-106 TURBOPROP	ARMY	NEAR ALL-WEATHER, LOW SPEED TURBOPROP AIRCRAFT WITH EXTENDED RANGE CAPABILITY AND SIGINT MISSION EQUIPMENT.

PATROL SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
DP-2E	LOCKHEED	NEPTUNE	4 R-3350-36W/32W J-34-WE-34/-34A	NAVY	LONG RANGE, ALL-WEATHER, LAND BASED AIRCRAFT EQUIPPED FOR ASW. HAMILTON STANDARD PROPELLERS (9 CREW).
DP-2H	LOCKHEED	NEPTUNE	4 R-3350-32WA J34-WE-36A	NAVY	EP-2H MODIFIED FOR CONTROLLING DRONE AIRCRAFT.
EP-2H	LOCKHEED	NEPTUNE	4 R-3350-32WA J34-WE-36A	NAVY	P-2E WITH ASW EQUIPMENT REMOVED AND UHF TELEMETRY INSTALLED FOR DATA RELAY MISSION (9 CREW).
NP-2H	LOCKHEED	NEPTUNE	4 R-3350-32WA J34-WE-36A	NAVY	P-2H CONFIGURED FOR PERMANENT TEST.
SP-2H	LOCKHEED	NEPTUNE	4 R-3350-32WA J34-WE-36/-36A	NAVY	EP-2H WITHOUT TELEMETRY EQUIPMENT AND MODIFIED TO JULIE/JEZEBEL CONFIGURATION.
P-3A	LOCKHEED	ORION	4 T56-A-10W	NAVY	ASW PATROL AIRCRAFT. MILITARY VERSION OF LOCKHEED "ELECTRA." ALSO STAFF TRANSPORT VERSION (10 CREW).
EP-3A	LOCKHEED	ORION	4 T56-A-10W	NAVY	P-3A MODIFIED FOR ELECTRONIC RECONNAISSANCE.
NP-3A	LOCKHEED	ORION	4 T56-A-10W	NAVY	TESTBED P-3A WITHOUT ASW SYSTEMS.
RP-3A	LOCKHEED	ORION	4 T56-A-10W	NAVY	P-3A MODIFIED FOR TEST AND EVALUATION PROGRAMS AND OCEANOGRAPHIC RESEARCH PROJECTS.
TP-3A	LOCKHEED	ORION	4 T56-A-10W	NAVY	MODIFIED P-3A TO PROVIDE P-3C PILOT/FLIGHT ENGINEER TRAINING.
UP-3A	LOCKHEED	ORION	4 T56-A-10W	NAVY	P-3 STRIPED ALL ANTI-SUBMARINE WARFARE EQUIPMENT. USED FOR LIGHT UTILITY PURPOSES.

PATROL SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
WP-3A	LOCKHEED	ORION	4 T56-A-10W	NAVY	P-3A MODIFIED FOR WEATHER RECONNAISSANCE MISSIONS.
NUP-3A	LOCKHEED	ORION	4 T56-A-14	NAVY	UP-3A CONFIGURED FOR PERMANENT TEST.
P-3B	LOCKHEED	ORION	4 T56-A-14	NAVY	UPGRADED P-3A.
EP-3B	LOCKHEED	ORION	3 T56-A-14	NAVY	P-3B MODIFIED FOR ELECTRONIC RECONNAISSANCE.
UP-3B	LOCKHEED	ORION	4 T56-A-14	NAVY	P-3B MODIFIED BY REMOVING ANTI-SUBMARINE WARFARE AVIONICS GEAR. USED IN UTILITY ROLE TO INCLUDE PILOT TRAINING AND LOGISTIC/CARGO MISSIONS.
P-3C	LOCKHEED	ORION	4 T56-A-14	NAVY	PRODUCTION VERSION OF YP-3C.
NP-3C	LOCKHEED	ORION	4 T56-A-14	NAVY	P-3C CONFIGURED FOR PERMANENT TEST.
YP-3C	LOCKHEED	ORION	4 T56-A-14	NAVY	PROTOTYPE P-3C WITH A NEW INTEGRATED AVIONICS AND AUTOMATED STORES DISPENSING SYSTEM.
NP-3D	LOCKHEED	ORION	4 T56-A-14	NAVY	P-3 CONFIGURED FOR PERMANENT TEST.
RP-3D	LOCKHEED	ORION	4 T56-A-14	NAVY	P-3 CONFIGURED FOR PROJECT MAGNET.
EP-3J	LOCKHEED	ORION	4 T56-A-14	NAVY	MODIFIED EP-3B WITH ACTIVE JAMMING CAPABILITY.
P-7A	LOCKHEED	NONE	4 GE-38 TURBOPROP	NAVY	HIGHLY MODERNIZED P-3C WITH MAJOR IMPROVEMENTS IN AIRFRAME DESIGN, STRUCTURAL MATERIALS, PROPULSION SYSTEM, FLIGHT CONTROLS AND OTHER FUNCTIONAL SYSTEMS USED AS LONG RANGE AIR ANTISUBMARINE CAPABILITY AIRCRAFT (LRAACA).

# RECONNAISSANCE SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
TR-1A	LOCKHEED	NONE	1 J75 P&W	AF	HIGH ALTITUDE STRATEGIC RECONNAISSANCE AIRCRAFT (1 CREW).
TR-1B	LOCKHEED	NONE	1 J75 P&W	AF	TWO SEAT TRAINER VERSION OF TR-1A.
U-2C	LOCKHEED	NONE	1 J75 P&W	AF	HIGH ALTITUDE, LONG-RANGE, STRATEGIC RECONNAISSANCE AIRCRAFT. LONG, WIDE, STRAIGHT WINGS GIVE IT GLIDER LIKE CHARACTERISTICS.
TU-2C	LOCKHEED	NONE	1 J75 P&W	AF	TRAINER VERSION OF U-2C.
U-2R	LOCKHEED	NONE	1 J75 P&W	AF	IMPROVED U-2C.
U-2S	LOCKHEED	NONE	1 F118-GE-101 TURBOFAN	AF	MODIFIED U-2R WITH IMPROVED HIGHER PERFORMANCE ENGINE.
TU-2S	LOCKHEED	NONE	1 F118-GE-101	AF	MODIFIED TU-2R WITH IMPROVED HIGHER PERFORMANCE ENGINE.
SR-71A	LOCKHEED	NONE	2 J58	AF	LONG RANGE, ADVANCED STRATEGIC RECONNAISSANCE AIRCRAFT (2 CREW).
SR-71B	LOCKHEED	NONE	2 J58	AF	MODIFIED TRAINING VERSION OF SR-71A.

# ANTISUB SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
TS-2A	GRUMMAN	TRACKER	2 R-1820-82 WRIGHT	NAVY	TRAINER VERSION OF CARRIER-BASED ASW AIRCRAFT. AN/APS-38 EQUIPMENT AND MARINE MARKER PETRO LAUNCHER REMOVED PRIOR TO ASSIGNMENT TO (CNATRA) (4 CREW).
US-2A	GRUMMAN	TRACKER	2 R-1820-82 WRIGHT	NAVY	TARGET TOW CONFIGURED TS-2A AND S-2B WITH (JULIE) EQUIPMENT REMOVED.
US-2B	GRUMMAN	TRACKER	2 R-1820-82 WRIGHT	NAVY	TS-2A MODIFIED FOR PASSENGER TRANSPORT.
US-2C	GRUMMAN	TRACKER	2 R-1820-82 WRIGHT	NAVY	S-2C MODIFIED FOR TARGET TOWING (4 CREW).
S-2D	GRUMMAN	TRACKER	2 R-1820-82A WRIGHT	NAVY	UPGRADED TS-2A AND US-2C WITH NEWER AIR-ASW ELECTRONICS AND ARMAMENT (4 CREW).
ES-2D	GRUMMAN	TRACKER	2 R-1820-82A WRIGHT	NAVY	S-2D MODIFIED FOR PACIFIC MISSILE RANGE SURVEILLANCE/CLEARANCE MISSIONS.
US-2D	GRUMMAN	TRACKER	2 R-1820-82A	NAVY	S-2D WITH ASW EQUIPMENT REMOVED FOR USE AS TRANSPORT.
S-2E	GRUMMAN	TRACKER	2 R-1820-82A WRIGHT	NAVY	S-2D EQUIPPED WITH ASW TACTICAL NAVIGATION SYSTEM (AN/ASN-30) (4 CREW).
S-2G	GRUMMAN	TRACKER	2 R-1820-82 WRIGHT	NAVY	S-2E WITH AN/AQA-7 (DIFAR), AN/ARR-75 SONOBUOY RECEIVER, AND MK-44/46 TORPEDO PRESETTER.
YS-2G	GRUMMAN	TRACKER	2 R-1820-82 WRIGHT	NAVY	MODIFIED S-2E USED AS TESTBED FOR ASW AVIONICS SYSTEM DEVELOPMENT.

ANTISUB SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
S-3A	LOCKHEED	VIKING	2 TF34-GE-2	NAVY	CARRIER BASED ASW AIRCRAFT (4 CREW).
KS-3A	LOCKHEED	VIKING	2 TF34-GE-2	NAVY	S-3A CONFIGURED AS SELF-CONTAINED TANKER WITH BOMB BAY AND INTERNAL TANKS.
NS-3A	LOCKHEED	VIKING	2 TF34-GE-2	NAVY	S-3A CONFIGURED FOR PERMANENT TEST.
US-3A	LOCKHEED	VIKING	2 TF34-GE-2	NAVY	S-3A MODIFIED FOR CARRIER ON-BOARD DELIVERY (COD) MISSION.
S-3B	LOCKHEED	VIKING	2 TF34-GE-2	NAVY	UPGRADED S-3A WITH NEW ACOUSTIC PROCESSORS AND RECORDERS, RADAR, AND HARPOON CAPABILITY.

# TRAINER SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
T-1A	MCDONNELL DOUGLA BEECH, QUINTRON	JAYHAWK	2 JT15D-5B P&W	AF	TANKER, TRANSPORT, TRAINING SYSTEM WITH 3 SEATS. USED FOR TRANSITIONING UPT PILOTS TO TANKER/TRANSPORT AIRCRAFT.
CT-1B	BEECH	JAYHAWK	2 JT15D-5	ARMY	T-1A MODIFIED TO CARRY TROOPS AND CARGO.
T-2B	NORTH AMERICAN ROCKWELL	BUCKEYE	2 J60-P-6	NAVY	LOW WING, CARRIER JET (2 CREW).
DT-2B	NORTH AMERICAN ROCKWELL	BUCKEYE	2 J60-P-6	NAVY	T-2B MODIFIED TO CONTROL TARGET DRONES. EQUIPPED WITH AN/ARM-55 OR AN/ASW-36 TARGET COMMAND SYSTEM (1 CREW).
YT-2B	NORTH AMERICAN ROCKWELL	BUCKEYE	2 J60-P-6	NAVY	PROTOTYPE T-2B.
T-2C	NORTH AMERICAN ROCKWELL	BUCKEYE	2 J85-GE-4/-4A	NAVY	UPGRADED T-2B.
T-3A	SLINGSBY/ NORTHROP	NONE	1 AE10 540	AF	SINGLE ENGINE, LOW WING, LIGHT TRAINER WITH SIDE-BY-SIDE SEATING.
T-28B	NORTH AMERICAN ROCKWELL	TROJAN	1 R-1820-86A WRIGHT	NAVY	LOW-WING, FLIGHT TRAINER (2 CREW).
T-28C	NORTH AMERICAN ROCKWELL	TROJAN	1 R-1820-86A WRIGHT	NAVY	UPGRADED T-28B SUITABLE FOR CARRIER OPERATIONS (2 CREW).
T-29B	GENERAL DYNAMICS	FLYING CLASSROOM	2 R-2800-97 P&W	NAVY	LOW WING TRAINER TRANSPORT WITH PERISCOPIC SEXTANT WINDOW (4 CREW, 10 STUDENTS).



# TRAINER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
T-29C	GENERAL DYNAMICS	FLYING CLASSROOM	2 R-2800-99W P&W	NAVY	UPGRADED T-29B FOR NAVIGATOR-BOMBARDIER TRAINING (3 CREW 10 STUDENTS).
T-33A	LOCKHEED	SHOOTING STAR	1 J33-A-35	AF	FULL-CANTILEVER, LOW WING, FLIGHT TRAINER (2 CREW).
NT-33A	LOCKHEED	SHOOTING STAR	1 J33-A-35	AF	TESTBED T-33A.
QT-33A	LOCKHEED	SHOOTING STAR	1 J33-A-35	NAVY	T-33A USED AS A DRONE.
T-34A	BEECH	MENTOR	1 IO-470-4 CONTINENTAL	AF	LOW-WING, SEMI-MONOCOQUE TRAINER (2 CREW).
T-34B	BEECH	MENTOR	1 IO-470-4 CONTINENTAL	NAVY	NAVY VERSION OF T-34A.
T-34C	BEECH	MENTOR	1 PT6A-25 P&W CANADA	NAVY	IMPROVED T-34B.
NT-34C	BEECH	MENTOR	1 PT6A-25 P&W CANADA	NAVY	T-34C CONFIGURED FOR PERMANENT TESTING. WILL NOT RETURN TO ACTIVE FLEET.
YT-34C	BEECH	MENTOR	1 PT6A-25 P&W CANADA	NAVY	PROTOTYPE T-34C.
T-37B	CESSNA	TWEET	2 J69-T-25	AF/GAF	PRIMARY JET TRAINER. BUBBLE CLAMSHELL CANOPY (2 CREW).
OT-37B	CESSNA	NONE	2 J69-T-25A	AF	T-37B MODIFIED FOR USE AS FORWARD AIR CONTROL (FAC) DUTIES.

# TRAINER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
T-38A	NORTHROP	TALON	2 J85-GE-5/-5A/-5G/-5J	AF/NV/GAF	LOW-WING, SUPERSONIC JET TRAINER (2 CREW).
NT-38A	NORTHROP	TALON	2 J85-GE-5/-5A/-5G/-5J	AF/NV/GAF	T-38A CONFIGURED FOR PERMANENT TEST.
QT-38A	NORTHROP	TALON	2 J85-GE-5/-5A/-5G/-5J	AF/NV/GAF	T-38A USED AS A DRONE.
AT-38B	NORTHROP	TALON	2 J85-GE-5/-5A/-5G/-5J	AF	T-38A CONFIGURED FOR WEAPONS DELIVERY TRAINING.
T-38C	NORTHROP	TALON	2 J85-GE-5/-5A/-5G/-5J	AF/NV/GAF	T-38A & AT-38B MODIFIED INTO SINGLE FLEET CONFIGURATION. INCLUDES GLOBAL POSITIONING SYSTEM/INERTIAL NAVIGATION SYSTEM, HEADS-UP DISPLAY, AND NO DROP BOMB SCORING SYSTEM.
T-38N	NORTHROP	TALON	2 J85-GE-5H/-5N	NASA	T-38A MODIFIED WITH UPGRADED AVIONICS.
T-39A	NORTH AMERICAN ROCKWELL	SABRELINER	2 J60-P-3/3A	AF	SWEPTBACK, LOW-WING, JET POWERED TRAINER. ENGINES ARE MOUNTED ON PYLONS ON AFT FUSELAGE (2 CREW, 4 PASSENGERS).
CT-39A	NORTH AMERICAN ROCKWELL	SABRELINER	2 J60-P-3/-3A	AF	CARGO-CONFIGURED T-39A.
NT-39A	NORTH AMERICAN ROCKWELL	SABRELINER	2 J60-P-3/-3A	AF	T-39A MODIFIED FOR PERMANENT TESTING.
T-39B	NORTH AMERICAN ROCKWELL	SABRELINER	2 J60-P-3/-3A	AF	UPGRADED T-39A WITH DOPPLER RADAR USED TO TRAIN PILOTS IN RADAR NAVIGATION (3 PASSENGERS).

# TRAINER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
T-39D	NORTH AMERICAN ROCKWELL	SABRELINER	2 J60-P-3A	NAVY	NAVY VERSION OF T-39 SERIES WITH AN/APQ-94 RADAR TO TRAIN FLEET AIRCREWS (5 CREW).
CT-39E	NORTH AMERICAN ROCKWELL	SABRELINER	2 JT-12A-8	NAVY	MILITARY VERSION OF COMMERCIAL SABRELINER CARGO-CONFIGURED T-39A.
CT-39G	NORTH AMERICAN ROCKWELL	SABRELINER	2 JT-12A	NAVY	CT-39E WITH LONGER FUSELAGE, YAW DAMPER, AND ENGINE THRUST REVERSERS.
T-39N	NORTH AMERICAN ROCKWELL	SABRELINER	2 JT-12-8	NAVY	ADVANCED VERSION OF T-39A USED FOR TRAINING UNDERGRADUATE NAVAL FLIGHT OFFICERS.
T-41A	CESSNA	MESCALERO	1 IO-300-D CONTINENTAL	AF	SINGLE ENGINE, HIGH WING, LIGHT TRAINER. MILITARY VERSION OF CESSNA 172 (2 CREW, 2 PASSENGERS).
T-41B	CESSNA	MESCALERO	1 IO-360-D CONTINENTAL	ARMY	ARMY VERSION OF T-41A.
T-41C	CESSNA	MESCALERO	1 IO-360-D34 CONTINENTAL	AF	UPGRADED T-41A.
T-41D	CESSNA	MESCALERO	1 IO-360-D34 CONTINENTAL	AF	T-41B/C WITH CONSTANT SPEED PROPELLERS.
T-42A	BEECH	COCHISE	2 IO-470-L CONTINENTAL	ARMY	INSTRUMENT FLIGHT TRAINER (4 CREW).
T-43A	BOEING	NONE	2 JT-8D-9 P&W	AF	MILITARY VERSION OF THE BOEING 737-200 MODIFIED FOR NAVIGATOR TRAINING (12 STUDENT STATIONS, 4 INSTRUCTOR STATIONS, AND 3 PROFICIENCY STATIONS).

# TRAINER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
CT-43A	BOEING	NONE	2 JT8D-9A	AF	T-43A CONFIGURED FOR CARGO/PASSENGER MISSIONS.
T-44A	BEECH	NONE	2 PT6A-34B P&W	NAVY	FIVE-PLACE TRAINER FOR (IFR) FLIGHT, RADIO INSTRUMENT NAVIGATION, AND TACTICAL ORIENTATION TRAINING.
T-45A	MCDONNELL DOUGLAS	GOSHAWK	1 MK851-49	NAVY	LOW-WING JET TRAINER FOR CARRIER LANDING TRAINING (2 CREW).
T-45B	MCDONNELL DOUGLAS	GOSHAWK	1 MK851-49	NAVY	T-45A MODIFIED FOR LAND BASED TRAINING.
T-46A	FAIRCHILD REPUBLIC	NONE	2 F109-GA-100	AF	PRIMARY JET TRAINER (2 CREW). REPLACES T-37, FORMERLY CALLED NGT.
AT-46A	FAIRCHILD REPUBLIC	NONE	2 F109-GA-100	FMS	ATTACK VERSION OF T-46A.
T-47A	CESSNA	NONE	2 JT15D-5 P&W	NAVY	MILITARY VERSION OF COMMERCIAL CITATION II WITH ENGINE AND STRUCTURAL MODIFICATIONS. CONFIGURED WITH RADAR TRAINING CONSOLES AND AN/APQ-159 RADAR.
OT-47B	CESSNA	NONE	2 JT15D-5D	AF	UPDATED VERSION OF T-47A FOR COUNTER DRUG TRACKING MISSIONS WITH 20 INCH LONGER FUSELAGE, UPGRADED ENGINES, AND SPECIAL SENSORS.

# UTILITY SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
U-1A	DEHAVILLAND	OTTER	1 R-1340-61 P&W	ARMY	SHORT-RANGE, HIGH-WING, LIGHT UTILITY AIRCRAFT, OPERATES ON WHEELS, OR FLOATS. MILITARY VERSION OF DHC-3 (2 CREW, 8 PASSENGERS).
NU-1B	DEHAVILLAND	OTTER	1 R-1340-61-DHC-3 P&W	NAVY	MILITARY VERSION OF DGC-3 FOR ANTARCTIC (DEEP FREEZE) MISSION.
U-3A	CESSNA	NONE	2 IO-470-M CONTINENTAL	AF/NAVY	LOW-WING, ADMINISTRATIVE, AND LIGHT CARGO TRANSPORT. MILITARY VERSION OF CESSNA MODEL 310 (2 CREW, 3 PASSENGERS).
U-3B	CESSNA	NONE	2 IO-470-D CONTINENTAL	AF	UPGRADED U-3A.
U-6A	DEHAVILLAND	BEAVER	1 R-985-AN-L/-3 R-985-39A P&W	AF/AR/NV	HIGH-WING UTILITY TRANSPORT (1 CREW, PASSENGERS).
U-7A	LYCOMING	NONE	1 O-290-D	AF	SHORT-RANGE OBSERVATION AND RECONNAISSANCE AIRCRAFT. OPERATES ON WHEELS OR FLOATS (2 CREW).
U-8D	BEECH	SEMINOLE	2 O-480-1 LYCOMING	ARMY	LOW CANTILEVER WING UTILITY TRANSPORT. MILITARY VERSION OF BEECH J-50 (1 CREW, 5 PASSENGERS).
RU-8D	BEECH	SEMINOLE	2 O-480-1 LYCOMING	ARMY	U-8D MODIFIED WITH RADAR RECONNAISSANCE SYSTEM (2 CREW).
NU-8E	BEECH	SEMINOLE	2 O-480-3 LYCOMING	ARMY	U-8D EQUIPPED AS INSTRUMENTATION FLYING LABORATORY (2 CREW, 2 PASSENGERS).

# UTILITY SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
U-8F	BEECH	SEMINOLE	2 O-480-3 LYCOMING	ARMY	UPGRADED U-8D WITH LARGER FUSELAGE.
U-8G	BEECH	SEMINOLE	2 GO-480-CSC6 LYCOMING	ARMY	UPGRADED RU-8D AND U-8F.
U-9C	AERO DESIGN	AERO COMMANDER	2 GSO-480-ATA-6 LYCOMING	ARMY	HIGH CANTILEVER WING ADMINISTRATIVE/UTILITY TRANSPORT (2 CREW, 5 PASSENGERS).
U-9D	AERO DESIGN	AERO COMMANDER	2 GSO-480-ATA-6 LYCOMING	NAVY	UPGRADED U-9C. ONE AIRCRAFT MODIFIED FOR AIR SAMPLING MISSIONS.
RU-9D	AERO DESIGN	AERO COMMANDER	2 GSO-480-ATA-6 LYCOMING	ARMY	U-9D MODIFIED FOR RECONNAISSANCE MISSIONS (5 CREW).
U-10A	HELIO	NONE	1 G-480-G1D6 LYCOMING	AF/ARMY	LIGHT STOL UTILITY TRANSPORT (2 CREW, 2 PASSENGERS).
U-11A	PIPER	AZTEC	2 O-540-A-3D5 LYCOMING	NAVY	LIGHT LOGISTICS TRANSPORT USED AT CONTINENTAL UNITED STATES (CONUS) NAVAL BASES (1 CREW, 4 PASSENGERS).
HU-16E	GRUMMAN	ALBATROSS	2 R-1820-76A/THRU -76D WRIGHT	CG	HIGH-WING, AMPHIBIOUS AIRCRAFT WITH FIXED WING FLOATS. FOR SEARCH/RESCUE, ASW, AND GENERAL PURPOSE USES (6 CREW, 12 LITTERS).
U-21A	BEECH	UTE	2 PT6A-20 P&W (CANADA)	ARMY	LOW-WING UTILITY AIRCRAFT WITH REVERSING PROPELLERS AND RETRACTABLE TRICYCLE LANDING GEAR. FOR COMMAND/CONTROL AND UTILITY MISSIONS IN COMBAT ZONES (2 CREW, 10 PASSENGERS).

# UTILITY SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
RU-21A	BEECH	UTE	2 PT6A-20 P&W (CANADA)	ARMY	U-21A WITH ARMY SECURITY AGENCY EW EQUIPMENT.
RU-21B	BEECH	UTE	2 PT6A-29 P&W (CANADA)	ARMY	IMPROVED RU-21A.
RU-21C	BEECH	UTE	2 PT6A-29 P&W (CANADA)	ARMY	RU-21B WITH DIFFERENT ANTENNA ARRAY.
RU-21D	BEECH	UTE	2 PT6A-20 P&W (CANADA)	ARMY	IMPROVED RU-21B.
RU-21E	BEECH	UTE	2 T74-CP-700	ARMY	U-21A MODIFIED FOR SURVEILLANCE MISSIONS IN COMBAT ZONES (2 CREW, 2 MISSION EQUIPMENT OPERATORS).
U-21F	BEECH	UTE	2 PT6A-28 P&W (CANADA)	ARMY	UPGRADED U-21A (2 CREW, 6 PASSENGERS).
U-21G	BEECH	UTE	2 T74-CP-700 P&W	ARMY	UPGRADED U-21F.
RU-21H	BEECH	UTE	2 T74-CP-700 P&W	ARMY	RU-21E MODIFIED WITH NEW WING TIPS AND LANDING GEAR DOORS.
U-21J	BEECH	UTE	2 PT6A-41	ARMY	RU-21J RECONFIGURED AS TRANSPORT (2 CREW, 7 PASSENGERS).
RU-21J	BEECH	UTE	2 PT6A-41	ARMY	MODIFIED U-21F WITH ADDED RECONNAISSANCE EQUIPMENT AND 3-BLADE PROPELLERS.
HU-25A	DASSAULT-BREGUET	GUARDIAN	2 ATF 3-6-2C GARRETT	CG	SEMI-MONOCOQUE, LOW CANTILEVER WING, MONOPLANE, RETRACTABLE TRICYCLE LANDING GEAR. USED FOR SEARCH AND RESCUE, MARINE ENVIRONMENTAL PROTECTION, LAW ENFORCEMENT AND MARINE SCIENCE (5 CREW, 3 PASSENGERS).

# UTILITY SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
HU-25B	DASSAULT-BREGUET/FALCON	GUARDIAN	2 GARRETT ATF 3-6-4C	CG	NAVY SEARCH AND RESCUE UTILITY AIRCRAFT MODIFIED WITH SENSOR SCANNERS, SLAR, AGTV, AND SURVEILLANCE CAMERAS.
HU-25C	DASSAULT-BREGUET/FALCON	GUARDIAN	2 GARRETT ATF 3-6-4C	CG	HU-25A MODIFIED WITH NEW RADAR AND FUSELAGE MOUNTED FLIR USED FOR INTERCEPTING AND TRACKING AIRBORNE SMUGGLERS.
U-26A	CESSNA	NONE	1 TS10-520-C	AF	CESSNA 206 TURBO SUPER SKYWAGON HIGH WING MONOPLANE WITH FIXED TRICYCLE LANDING GEAR (1 CREW, 3 PASSENGERS).
U-27A	CESSNA	NONE	1 PT6A-114	ARMY/FMS	HIGH-WING MONOPLANE WITH FIXED TRICYCLE LANDING GEAR (2 CREW).
RU-38A	SCHWEIZER ACFT	NONE	2 G10-550 CONTINENTAL	CG	RG-8A MODIFIED WITH TWO LARGER ENGINES, ENHANCED MUFFLERS, TWIN TAIL, TRICYCLE LANDING GEAR, IMPROVED SENSORS, AND NOISE SIGNATURE REDUCTION ENHANCEMENTS FOR DETECTION OF SURFACE VESSELS.



VTOL & STOL SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
OV-1A	GRUMMAN	MOHAWK	2 T53-L-7	ARMY	VISUAL AND PHOTOGRAPHIC SURVEILLANCE AIRCRAFT WITH DAY AND NIGHT (IFR) CAPABILITY. FORMERLY DESIGNATED AO-1A (2 CREW).
OV-1B	GRUMMAN	MOHAWK	2 T53-L-7	ARMY	LONGER WING THAN THE OV-1A WITH ADDITION OF SIDE-LOOKING RADAR. FORMERLY DESIGNATED AO-1B (2 CREW).
JOV-1B	GRUMMAN	MOHAWK	2 T53-L-7	ARMY	OV-1B MODIFIED FOR ELECTRONIC RECONNAISSANCE (QUICK LOOK).
OV-1C	GRUMMAN	MOHAWK	2 T53-L-7 T53-L-15	ARMY	OV-1A AND OV-1B WITH INFRARED DETECTION EQUIPMENT. FORMERLY DESIGNATED AO-1C (2 CREW).
JOV-1C	GRUMMAN	MOHAWK	2 T53-L-15	ARMY	OV-1C MODIFIED FOR ELECTRONIC RECONNAISSANCE (QUICK LOOK).
OV-1D	GRUMMAN	MOHAWK	2 T53-L-701A	ARMY	UPGRADED OV-1C WITH SIDE-LOADING DOORS, SIDE-LOOKING AIRBORNE RADAR, AND INFRARED SENSORS.
RV-1D	GRUMMAN	MOHAWK	2 T53-L-701A	ARMY	MODIFIED OV-1D FOR ELECTRONIC WARFARE MISSIONS IN SUPPORT OF TACTICAL OPERATIONS.
JOV-1D	GRUMMAN	MOHAWK	2 T53-L-701A	ARMY	OV-1D MODIFIED FOR ELECTRONIC RECONNAISSANCE (QUICK LOOK).
OV-1E	GRUMMAN	MOHAWK	2 T53-L-701A	ARMY	OV-1D MODIFIED WITH UPGRADED AVIONICS, ELECTRICAL, AND FLIGHT INSTRUMENT SYSTEMS.
RV-1E	GRUMMAN	MOHAWK	2 T53-L-701A	ARMY	CONTAINS UPDATED AVIONICS, ELECTRICAL AND FLIGHT INSTRUMENT SYSTEMS.
AV-8A	BRITISH AEROSPACE	HARRIER	1 F402-RR-400/-401	NAVY	VECTORED THRUST, CLOSE AIR SUPPORT AIRCRAFT CAPABLE OF SHIPBOARD AND UNIMPROVED LANDING SITE OPERATIONS (1 CREW).

## VTOL &amp; STOL SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
TAV-8A	BRITISH AEROSPACE	HARRIER	1 F402-RR-400-401	NAVY	TWO-PLACE AV-8A FOR TRANSITION TRAINING.
AV-8B	MCDONNELL DOUGLAS	HARRIER II	1 F402-RR-406	NAVY	AV-8A WITH IMPROVED ENGINE INLET, LENGTHENED NOSE GEAR, LIFT DEVICES, LARGER WING AND UPDATED AVIONICS PACKAGE.
NAV-8B	MCDONNELL DOUGLAS	HARRIER II	1 F402-RR-406	NAVY	AV-8B CONFIGURED FOR PERMANENT TEST.
TAV-8B	MCDONNELL DOUGLAS	HARRIER	1 F402-RR-406	NAVY	TRAINER VERSION OF AV-8B (2 CREW).
NTAV-8B	MCDONNELL DOUGLAS	HARRIER	1 F402-RR-406	NAVY	TAV-8B CONFIGURED FOR PERMANENT TEST.
AV-8C	BRITISH AEROSPACE	HARRIER	1 F402-RR-400/-401	NAVY	AV-8A OVERHAULED FOR SERVICE LIFE EXTENSION.
AV-8D	MCDONNELL DOUGLAS	HARRIER	1 P408	NAVY	AV-8B MODIFIED WITH ADDITIONAL AVIONICS AND NIGHT ATTACK CAPABILITIES.
AV-8S	BRITISH AEROSPACE	HARRIER	1 F402-RR-400/-401	SP NAVY	AV-8A CONFIGURED FOR FOREIGN SALES (SPANISH NAVY).
OV-10A	NORTH AMERICAN ROCKWELL	BRONCO	2 T76-G/-10A -12A/418/419	AF/NAVY	TWIN TAIL, STOL AIRCRAFT USED FOR OBSERVATION, ARMED RECONNAISSANCE AND FORWARD AIR CONTROL (2 CREW).
YOV-10D	NORTH AMERICAN ROCKWELL	BRONCO	2 T76-G-10-10A/ -12/-12A	NAVY	PROTOTYPE NIGHT OBSERVATION GUNSHIP SYSTEM (NOGS) VERSION OF THE OV-10A. HAS FORWARD LOOKING INFRARED (FLIR) SENSOR, 20MM FLEXIBLE GUN TURRET.

VTOL & STOL SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
XFV-12A	NORTH AMERICAN ROCKWELL	NONE	1 F-401-PW-400	NAVY	EXPERIMENTAL HIGH-WING VTOL TO EVALUATE THRUST AUGMENTATION PRINCIPLE (1 CREW).
XV-15A	BELL	NONE	2 T53	ARMY	RESEARCH AIRCRAFT USED TO STUDY TILT ROTOR VTOL/STOL CONCEPTS (3-BLASE 25' DIAMETER ROTORS).
AV-16A	MCDONNELL DOUGLAS	NONE	1 ROLLS ROYCE PEGASUS	NAVY	VTOL/STOL AIRCRAFT FOR CLOSE AIR SUPPORT MISSION.
UV-18A	DEHAVILLAND	TWIN OTTER	2 PT6A-20 P&W	ARMY	FIXED GEAR, HIGH-WING STOL AIRCRAFT. OPERATES ON UNIMPROVED AIRFIELDS WITH WHEELS SKIS OR FLOATS (2 CREW, 20 PASSENGERS).
UV-18B	DEHAVILLAND	TWIN OTTER	2 PT6A-27 P&W	AF	UV-18A WITH LONGER NOSE.
UV-20A	PILATUS-PORTER	NONE	1 PT6A-27	ARMY	UTILITY STOL AIRCRAFT SIMILAR TO PC-7/1.
CV-22A	BELL/BOEING	NONE	2 T406-AD-400	AF	VTOL AIRCRAFT (OSPREY) USED AS A TRANSPORT FROM LAND BASES.
HV-22A	BELL/BOEING	NONE	2 T406-AD-400	NAVY	VTOL AIRCRAFT (OSPREY) USED FOR CONDUCTING COMBAT SEARCH AND RESCUE MISSIONS FROM AVIATION CAPABLE SHIPS.
MV-22A	BELL/BOEING	NONE	2 T406-AD-400	MARINES	VTOL AIRCRAFT (OSPREY) USED TO SUPPORT AMPHIBIOUS ASSAULTS FROM LHA AND LHD CLASS SHIPS.
SV-22A	BELL/BOEING	NONE	2 T406-AD-400	NAVY	VTOL AIRCRAFT (OSPREY) USED TO PROVIDE MID TO LONG-RANGE SEA-BASED AIRBORNE ANTISUBMARINE WARFARE PROTECTION.

VTOL & STOL SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
HV-22B	BELL/BOEING	NONE	2 T406-AD-400	NAVY	HV-22A WITH UPGRADED ENGINES, DRIVE SYSTEM, NACELLE, FUSELAGE, AND IMPROVED AVIONICS.
MV-22B	BELL/BOEING	NONE	2 T406-AD-400	NAVY	MV-22A WITH UPGRADED ENGINES, DRIVE SYSTEM, NACELLE, FUSELAGE, AND IMPROVED AVIONICS.
UV-23A	SKYTRADER CORPORATION	NONE	2 TURBOMECA-ASTAZOU-S F-16	AF/ARMY	HIGH WING, TWIN ENGINE, FIXED LANDING GEAR TACTICAL TROOP TRANSPORT WITH AFT RAMP. MODIFIED FOR ARMED RECONNAISSANCE.

# RESEARCH SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
X-24B	MARTIN	NONE	1 XLR-11-RM-13	AF	MANNED, LOW SPEED LIFTING BODY DROPPED FROM B-52 THAT WILL ASCEND UNDER ROCKET POWER TO APPROXIMATELY 60,000 FEET, MACH 1.5, AND THEN GLIDE TO LANDING. COMMERCIAL DESIGNATION SV-5J.
X-26A	SCHWEIZER	NONE	NONE	NAVY	TWO-PLACE, HIGH PERFORMANCE SAILPLANE TO BE USED FOR NAVY TEST PILOT TRAINING.
X-29A	GRUMMAN	NONE	1 F-404-GE-400	ALL	EXPERIMENTAL FIGHTER WITH 33.73 DEGREE FORWARD SWEEP, AEROELASTIC, GRAPHITE EPOXY COMPOSITE WINGS, CLOSE COUPLED VARIABLE INCIDENCE CANNARDS AND DIGITAL FLY-BY-WIRE FLIGHT CONTROL SYSTEM.
X-30A	TBD	NONE	TBD	DOD/NASA	EXPERIMENTAL AEROSPACE PLANE ABLE TO OPERATE AT HYPersonic VELOCITIES OR ACCELERATING DIRECTLY INTO ORBIT.
X-31A	ROCKWELL	NONE	1 F-404-GE-400	NAVY	ENHANCED FIGHTER MANEUVERABILITY (EFM) DEMONSTRATOR WITH TECHNOLOGIES WHICH WILL PROVIDE MANEUVER AGILITY DURING CLOSE-IN AERIAL COMBAT.
X-32A	TBD	TBD	1 DERIVATIVE AFTE	ARPA	FIRST CONTRACTOR TEAM (X-32). FULL-SCALE TECHNOLOGY DEMONSTRATOR AIRCRAFT INTENDED TO VALIDATE TECHNOLOGIES RELEVANT TO FIELDING A MULTI-SERVICE AIRCRAFT.
X-32B	TBD	TBD	1 DERIVATIVE AFTE	ARPA	FULL-SCALE TECHNOLOGY DEMONSTRATOR AIRCRAFT INTENDED TO VALIDATE TECHNOLOGIES RELEVANT TO FIELDING A MULTI-SERVICE AIRCRAFT.
X-32C	TBD	NONE	TBD	JAST	JOINT ADVANCED STRIKE TECHNOLOGY (JAST) PROGRAM. FULL-SCALE TECHNOLOGY DEMONSTRATOR AIRCRAFT INTENDED TO VALIDATE TECHNOLOGIES RELEVANT TO FIELDING A MULTI-SERVICE AIRCRAFT WITH CATAPULT AND ARRESTING CAPABILITY.

RESEARCH SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
X-35A	TBD	TBD	TBD	JAST	SECOND CONTRACTOR TEAM (X-35). JOINT ADVANCED STRIKE TECHNOLOGY (JAST) PROGRAM. FULL-SCALE TECHNOLOGY DEMONSTRATOR AIRCRAFT INTENDED TO VALIDATE TECHNOLOGIES RELEVANT TO FIELDING A MULTI-SERVICE AIRCRAFT.
X-35B	TBD	TBD	TBD	JAST	JOINT ADVANCED STRIKE TECHNOLOGY (JAST) PROGRAM. FULL-SCALE TECHNOLOGY DEMONSTRATOR AIRCRAFT INTENDED TO VALIDATE TECHNOLOGIES RELEVANT TO FIELDING A MULTI-SERVICE AIRCRAFT.
X-35C	TBD	TBD	TBD	JAST	JOINT ADVANCED STRIKE TECHNOLOGY (JAST) PROGRAM. FULL-SCALE TECHNOLOGY DEMONSTRATOR AIRCRAFT INTENDED TO VALIDATE TECHNOLOGIES RELEVANT TO FIELDING A MULTI-SERVICE AIRCRAFT WITH CATAPULT AND ARRESTING CAPABILITY.
X-36A	MCDONNELL DOUGLAS	NONE	1 F112-WR-100	NASA	REMOTELY PILOTED RESEARCH VEHICLE USED TO DEMONSTRATE THE FEASIBILITY FOR A TAILLESS AGILE FIGHTER.

# LIGHTER-THAN-AIR SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
SZ-1A	TBD	NONE		NAVY	AIRSHIP USED FOR ANTISUBMARINE MISSION.
YEZ-2A	TBD	NONE	TBD	NAVY	PROTOTYPE AIRSHIP FOR ELECTRONIC MISSIONS.

## APPENDIX B

### AEROSPACE VEHICLE MDS FOR GUIDED MISSILES, ROCKETS, PROBES, BOOSTERS, AND SATELLITES

#### A. SYMBOLS

The following list outlines the symbols used in guided missile, rocket, probe, booster, and satellite MDS designations. Figure B-1 shows a sample MDS. A description of each symbol can be found in the Joint Regulation (reference (b)).

<u>Status Prefix</u>	<u>Launch Environment</u>	<u>Mission</u>	<u>Vehicle Type</u>
C Captive	A Air	C Transport	B Booster
D Dummy	B Multiple	D Decoy	M Guided
J Special Test (Temporary)	C Coffin	E Electronic/ Communications	Missile or Drone
M Maintenance	F Individual	G Surface Attack	N Probe
N Special Test (Permanent)	G Runway	I Aerial/Space Intercept	R Rocket
X Experimental	H Silo Stored	L Launch Detection/ Surveillance	S Satellite
Y Prototype	L Silo Launched	M Scientific/Calibration	
Z Planning	M Mobile	N Navigation	
	P Soft Pad	Q Drone	
	R Ship	S Space Support	
	S Space	T Training	
	U Underwater	U Underwater Attack	
		W Weather	

#### B. APPROVED GUIDED MISSILE, ROCKET AND PROBE DESIGNATORS

The list of approved MDS designations for all guided missiles, rockets and probes of direct interest to the Department of Defense starts at page B-3. These vehicles are listed sequentially by design number and alphabetically by series.



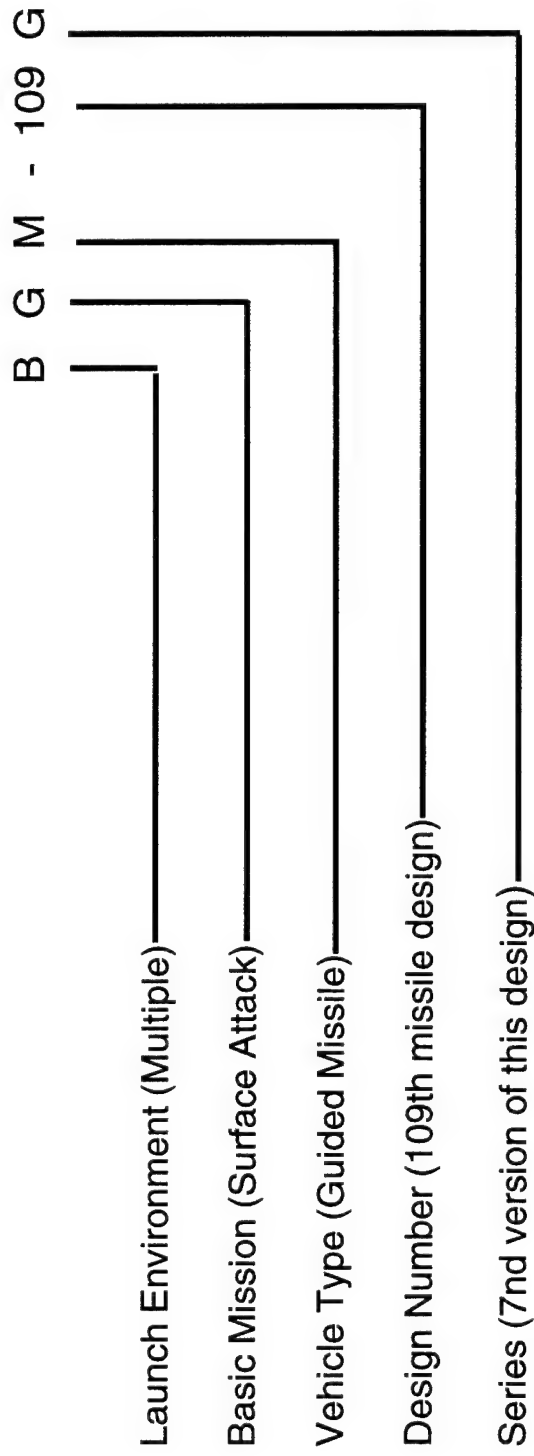


Figure B-1, Sample Missile MDS

# BOOSTER SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
SB-2A	GENERAL DYNAMICS	ATLAS II		AF	ONE AND ONE HALF STAGE, LIQUID ROCKET WITH PAYLOAD CAPABILITIES OF APPROXIMATELY 15,000 POUNDS LEO, 11,000 POUNDS PLEO, 6,500 POUNDS GEOSYNCHRONOUS TRANSFER ORBIT (GTO), AND 3,100 POUNDS GEOSYNCHRONOUS ORBIT (GEO).
SB-3A	MCDONNELL DOUGLAS	DELTA II		AF	FOUR STAGE, SOLID AND LIQUID ROCKET COMBINATION WITH PAYLOAD CAPABILITIES OF APPROXIMATELY 11,520 POUNDS LEO, 8,795 POUNDS PLEO, AND 4,155 POUNDS GEO.
SB-4A	MARTIN MARIETTA	TITAN II		AF	TWO STAGE, LIQUID ROCKET WITH PAYLOAD CAPABILITIES OF APPROXIMATELY 5,000 POUNDS LEO, AND 4,200 POUNDS PLEO.
SB-5A	MARTIN MARIETTA	TITAN IV		AF	THREE OR FOUR STAGE, SOLID AND LIQUID ROCKET WITH PAYLOAD CAPABILITIES OF APPROXIMATELY 39,100-47,800 POUNDS LEO, 12,700 POUNDS GEO, 24,000 POUNDS GTO, AND 31,000-38,000 POUNDS PLEO, DEPENDING UPON BOOSTER AND UPPER STAGE.
SB-5B	LOCKHEED MARTIN	TITAN IV		AF	THREE OR FOUR STAGE, SOLID AND LIQUID ROCKET WITH PAYLOAD CAPABILITIES OF APPROXIMATELY 39,000-47,000 POUNDS LEO AND 5,000-12,000 GEO DEPENDING ON BOOSTER AND UPPER STAGE.
SB-6A	MARTIN MARIETTA	TITAN 34D		AF	THREE OR FOUR STAGE, SOLID AND LIQUID ROCKET WITH PAYLOAD CAPABILITIES OF APPROXIMATELY 33,800 POUNDS LEO, AND 4,100 POUNDS GEO, DEPENDING UPON CONFIGURATION.
SSB-7A	BOEING	IUS		AF	INERTIAL UPPER STAGE CAPABLE OF APPROXIMATELY 5,300 POUNDS GEOSYNCHRONOUS ORBIT, USED WITH TITAN IV.
SSB-8A	GENERAL DYNAMICS	CENTAR		AF	UPPER STAGE CAPABLE OF APPROXIMATELY 10,200 POUNDS GEOSYNCHRONOUS ORBIT, USED WITH TITAN IV.

# BOOSTER SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
SSB-9A	MCDONNELL DOUGLAS	PAM D II		AF	PAYLOAD ASSIST MODULE CAPABLE OF APPROXIMATELY 3,500 POUNDS OF GEOSYNCHRONOUS TRANSFER ORBIT FROM DELTA OR SHUTTLE.
SSB-10A	MARTIN MARIETTA	TRANSTAGE		AF	UPPER STAGE (TRANSTAGE) CAPABLE OF APPROXIMATELY 4,100 POUNDS GEOSYNCHRONOUS ORBIT, USED WITH TITAN 34D.
ASB-11A	ORBITAL SCIENCES HERCULES	PEGASUS	1 ROCKET MOTOR	AF	AIR-LAUNCHED, THREE-STAGE, SMALL BOOSTER WITH PAYLOAD CAPABILITIES OF APPROXIMATELY 1,000 POUNDS LEO, AND 860 POUNDS PLEO.

# MISSILE SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
RIM-2A	GENERAL DYNAMICS	TERRIER		NAVY	SURFACE-TO-AIR WEAPON FOR SHIPBOARD USE. LAUNCHED BY SOLID FUEL ROCKET BOOSTER AND PROPELLED BY SOLID FUEL ROCKET SUSTAINER.
RIM-2B	GENERAL DYNAMICS	TERRIER		NAVY	IMPROVED RIM-2A.
RIM-2C	GENERAL DYNAMICS	TERRIER		NAVY	IMPROVED RIM-2B.
RIM-2D	GENERAL DYNAMICS	TERRIER		NAVY	IMPROVED RIM-2C.
RIM-2E	GENERAL DYNAMICS	TERRIER		NAVY	IMPROVED RIM-2D.
RIM-2F	GENERAL DYNAMICS	TERRIER		NAVY	IMPROVED RIM-2E.
AIM-4D	HUGHES	FALCON	1 M58A-2	AF	SUPERSONIC, AIR-TO-AIR, PASSIVE, INFRARED SEEKED, GUIDED MISSILES.
AIM-4F	HUGHES	FALCON	1 M46	AF	IMPROVED AIM-4D.
AIM-4G	HUGHES	FALCON	1 M46	AF	IMPROVED AIM-4F.
AIM-7D	RAYTHEON	SEA SPARROW	1 MK6 MOD 3	NAVY	SOLID FUEL, RADAR HOMING, AIR-TO-AIR MISSILE.
AIM-7E	RAYTHEON	SEA SPARROW	1 MK38 OR MK52	NAVY	IMPROVED AIM-7D.

# MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
ATM-7E	RAYTHEON/ GENERAL DYNAMICS	SEA SPARROW	1 MK38	NAVY	TRAINING AIM-7E.
CAEM-7E	RAYTHEON/ GENERAL DYNAMICS	SPARROW	1 MK38	AF/NAVY	CATM-7F MODIFIED WITH ELECTRONIC MONITORING EQUIPMENT.
CATM-7E	RAYTHEON	SPARROW		AF/NAVY	CAPTIVE CARRY ATM-7E.
DATM-7E	RAYTHEON/ GENERAL DYNAMICS	SPARROW	1 MK38	NAVY	DUMMY ATM-7E.
AIM-7F	RAYTHEON	SPARROW	1 MK58 OR MK65	AF/NAVY	IMPROVED AIM-7E WITH SOLID STATE ELECTRONICS.
ATM-7F	RAYTHEON	SPARROW	1 MK58	AF/NAVY	TRAINING AIM-7F.
RIM-7F	RAYTHEON	SEA SPARROW	1 MK58 OR MK65	NAVY	SURFACE LAUNCHED VERSION OF AIM-7F.
CAEM-7F	RAYTHEON/ GENERAL DYNAMICS	SPARROW	1 INERT MK-58	AF/NAVY	CATM-7F MODIFIED WITH ELECTRONIC EQUIPMENT FOR ELECTRONIC RECORDING AND SPARROW MISSILE PERFORMANCE EVALUATION.
CATM-7F	RAYTHEON	SPARROW		AF/NAVY	CAPTIVE CARRY ATM-7F.
DATM-7F	RAYTHEON/ GENERAL DYNAMICS	SPARROW	1 INERT MK-58	AF/NAVY	DUMMY ATM-7F.
YRIM-7F	RAYTHEON	SEA SPARROW	1 MK58 OR MK65	NAVY	PROTOTYPE AIM-7F.
RIM-7H	RAYTHEON	SEA SPARROW	1 MK38 OR MK52	NAVY	SURFACE-TO-AIR VERSION OF AIM-7E. LAUNCHED BY SOLID PROPELLANT BOOSTER AND GUIDED TO TARGET BY SEMI-ACTIVE HOMING.

MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
YRIM-7H	RAYTHEON	SEA SPARROW	1 MK38 MOD 0 MK52 MOD 2	NAVY	PROTOTYPE RIM-7H.
AIM-7M	RAYTHEON	SPARROW	1 MK59 MOD 0	AF/NAVY	UPGRADED AIM-7F.
ATM-7M	RAYTHEON/ GENERAL DYNAMICS	SPARROW	1 MK58	AF/NAVY	TRAINING AIM-7M.
RIM-7M	RAYTHEON	SEA SPARROW	1 MK58 MOD 0	NAVY	MODIFIED SURFACE LAUNCHED VERSION OF AIM-7F.
CAEM-7M	RAYTHEON/ GENERAL DYNAMICS	SPARROW	1 MK58	AF/NAVY	CATM-7M MODIFIED WITH ELECTRONIC MONITORING EQUIPMENT.
CATM-7M	RAYTHEON/ GENERAL DYNAMICS	SPARROW	1 MK58	AF/NAVY	CAPTIVE CARRY ATM-7M.
DATM-7M	RAYTHEON/ GENERAL DYNAMICS	SPARROW	1 MK58	AF/NAVY	DUMMY ATM-7M.
AIM-7N	RAYTHEON	SPARROW	1 MK59 MOD 0	NAVY	UPDATED AIM-7F USED WITH MULTI-STAGE IMPROVEMENT PROGRAM (MSIP) - MODIFIED F-15'S
AIM-7P	RAYTHEON	SPARROW	1 MK59 MOD 0	NAVY	MODIFIED AIM-7M WITH IMPROVED ELECTRONIC COUNTER MEASURES. FUZE TARGET DETECTOR AND LOWER MINIMUM OPERATING ALTITUDE.
RIM-7P	RAYTHEON	SPARROW	1 MK58 MOD 0	NAVY	RIM-7M MODIFIED TO INCLUDE IMPROVED ELECTRONIC COUNTERMEASURES, FUZE TARGET DETECTOR.

MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
AIM-7R	RAYTHEON/ GENERAL DYNAMICS	SPARROW	1 MK58 MOD 5	NAVY	MODIFIED AIM-7 WITH DUAL SEEKER MODES AND TERMINAL HOMING.
RIM-7R	RAYTHEON/ GENERAL DYNAMICS	SPARROW	1 MK58 MOD 4	NAVY	MODIFIED AIM-7 WITH DUAL SEEKER MODES AND TERMINAL HOMING, SHIP LAUNCHED.
RGM-8H	BENDIX	TALOS	1 MK11 MOD 2/5	NAVY	RIM-8G WITH TERMINAL GUIDANCE SYSTEM.
RIM-8H	BENDIX	TALOS	1 MK11 MOD 2/5	NAVY	LONG-RANGE, SURFACE-TO-AIR, TWO-STAGE, SUPERSONIC MISSILE WITH TERMINAL GUIDANCE SYSTEM.
AIM-9B	PHILCO & GEN ELECTRIC	SIDEWINDER	1 MK17	NAVY	SUPERSONIC, AIR-TO-AIR, HOMING WEAPON WITH PASSIVE INFRARED TARGET DETECTION.
AIM-9D	PHILCO & RAYTHEON	SIDEWINDER	1 MK36	NAVY	UPGRADED AIM-9B.
ATM-9D	PHILCO & RAYTHEON	SIDEWINDER	1 MK36	NAVY	AIM-9D USED FOR CAPTIVE FLIGHT TARGET ACQUISITION TRAINING.
AIM-9E	PHILCO	SIDEWINDER	1 MK17	AF	UPGRADED AIM-9B MODIFIED TO EXTEND PERFORMANCE ENVELOPE.
AIM-9G	RAYTHEON	SIDEWINDER	1 MK36	NAVY	UPGRADED AIM-9D WITH SIDEWINDER EXPANDED ACQUISITION MODE (SEAM).
ATM-9G	RAYTHEON	SIDEWINDER	1 MK36	NAVY	AIM-9G USED FOR CAPTIVE FLIGHT TARGET ACQUISITION TRAINING.
AIM-9H	RAYTHEON (GCG ONLY)	SIDEWINDER	1 MK36	NAVY	UPGRADED AIM-9G WITH SOLID STATE GUIDANCE CONTROL.

# MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
AIM-9J	PHILCO	SIDEWINDER	1 MK17	AF	UPGRADED AIM-9E.
ZAIM-9K	RAYTHEON	SIDEWINDER	1 MK36	NAVY	UPGRADED AIM-9H.
AIM-9L	RAYTHEON	SIDEWINDER	1 MK36	AF/NAVY	UPGRADED AIM-9H WITH COOLED SEEKER FOR INCREASED ENGAGEMENT ENVELOPE.
DATM-9L	FORD RAYTHEON	SIDEWINDER	1 MK57 (INERT)	NAVY/AF	USED TO TRAIN GROUND PERSONNEL IN MISSILE ASSEMBLY, DISASSEMBLY, LOADING, TRANSPORTATION, AND STORAGE PROCEDURES AND TECHNIQUES.
AIM-9M	RAYTHEON	SIDEWINDER	1 MK36	AF/NAVY	UPGRADED AIM-9L.
CATM-9M	FORD RAYTHEON	SIDEWINDER	1 MK57 (INERT)	NAVY/AF	USED FOR PILOT TRAINING IN AERIAL TARGET ACQUISITION AND USE OF AIRCRAFT CONTROLS/DISPLAYS.
NATM-9M	FORD RAYTHEON	SIDEWINDER	1 MK36	NAVY/AF	PERMANENT TEST MISSILE. AIM-9 MODIFIED BY REPLACING LIVE TEST WARHEAD AND/OR TELEMETRY SECTION.
AIM-9N	RAYTHEON	SIDEWINDER	1 MK36	AF	UPGRADED AIM-9J.
AIM-9P	RAYTHEON	SIDEWINDER	1 MK36	AF	UPGRADED AIM-9J.
AIM-9Q	RAYTHEON	SIDEWINDER	1 MK 36 MOD 8/ MOD 10	NAVY	AIM-9M MODIFIED WITH UPGRADED GUIDANCE-CONTROL SECTION.
AIM-9R	RAYTHEON	SIDEWINDER	1 MK36	NAVY	IMPROVED HEAD-ON ACQUISITION RANGE AND COUNTER-COUNTERMEASURES (CCM) CAPABILITY.



MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
AIM-9S	RAYTHEON	SIDEWINDER	1 MK36 MOD8/MOD10	NAVY	MODIFIED AIM-9M WITH THE COUNTER-COUNTERMEASURES (CCM) EQUIPMENT REMOVED FROM THE GUIDANCE CONTROL SECTION. USED FOR FMS.
COM-10B	BOEING	BOMARC	3 1 M51 AND 2 RJ-43-MA-11	AF/NAVY	SURFACE-TO-AIR, LONG-RANGE, AREA DEFENSE MISSILE CONFIGURED AS DRONE.
AGM-12A	MARTIN & MAXSON	BULLPUP	1 MK8	NAVY	AIR-TO-SURFACE, TACTICAL, GUIDED MISSILE.
ATM-12A	MARTIN	BULLPUP TRAINER	1 MK8	NAVY	TRAINER VERSION OF AGM-12A.
AGM-12B	MARTIN & MAXSON	BULLPUP	1 LR-58-RM-4 MK8	NAVY	UPGRADED AGM-12A. RADIO-LINK COMMAND GUIDANCE.
ATM-12B	MAXSON	BULLPUP TRAINER	1 MK8	NAVY	TRAINER VERSION OF AGM-12B.
AGM-12C	MARTIN	BULLPUP	1 LR-62-RM-2/-4	NAVY	UPGRADED AGM-12B.
MIM-14A	MCDONNELL DOUGLAS	NIKE HERCULES	1 M-30	ARMY	HIGH ALTITUDE, AIR DEFENSE MISSILE CAPABLE OF SURFACE-TO-AIR AND SURFACE-TO-SURFACE MISSIONS.
MIM-14B	MCDONNELL DOUGLAS	NIKE HERCULES	1 M-30A-1	ARMY	UPGRADED MIM-14A.
MIM-14C	MCDONNELL DOUGLAS	NIKE HERCULES	1 M-30A-2	ARMY	UPGRADED MIM-14B.

MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
RGM-15A	LTV AEROSPACE	REGULUS II		NAVY	NONE.
XMIM-23A	RAYTHEON	HAWK	1 XM-112	ARMY	PROTOTYPE MIM-23.
MIM-23B	USAMICOM	HAWK	1 XM-112	NAVY/ARMY	UPGRADED MIM-23A.
XMEM-23B	USAMICOM	HAWK	1 XM-112	ARMY	FULL TELEMETRY VERSION OF MIM-23B.
XMIM-23B	USAMICOM	HAWK	1 XM-112	ARMY	MIM-23B USED TO TRAIN BATTERY PERSONNEL.
MEM-23C	RAYTHEON	HAWK	1 XM-112	ARMY	FULL TELEMETRY VERSION OF MIM-23C.
MIM-23C	RAYTHEON	HAWK	1 XM-112	ARMY	UPGRADED MIM-23B.
MEM-23D	RAYTHEON	HAWK	1 XM-112	ARMY	MEM-23C WITH IMPROVED GUIDANCE IN A MULTI-JAMMING ENVIRONMENT.
MIM-23D	RAYTHEON	HAWK	XM-112	ARMY	UPGRADED MIM-23C.
MEM-23E	RAYTHEON	HAWK	1 XM-112	ARMY	MEM-23D MODIFIED WITH NEW BODY SECTION ASSEMBLY.
MIM-23E	RAYTHEON	HAWK	1 XM-112	ARMY	MIM-23C WITH IMPROVED GUIDANCE IN A MULTI-JAMMING ENVIRONMENT.
MEM-23F	RAYTHEON	HAWK	1 XM-112	ARMY	MEM-23E MODIFIED WITH FUZE DELAY CIRCUIT AND INCREASED WARHEAD FRAGMENTATION SIZE.
MIM-23F	RAYTHEON	HAWK	1 XM-112	ARMY	MIM-23D WITH IMPROVED GUIDANCE IN A MULTI-JAMMING ENVIRONMENT.

# MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
MIM-23G	RAYTHEON	HAWK	1 XM-112	ARMY	MIM-23E MODIFIED WITH NEW BODY SECTION ASSEMBLY.
MIM-23H	RAYTHEON	HAWK	1 XM-112	ARMY	MIM-23F MODIFIED WITH NEW BODY SECTION ASSEMBLY.
MIM-23J	RAYTHEON	HAWK	1 XM-112	ARMY	MIM-23H MODIFIED WITH FUZE DELAY CIRCUIT AND INCREASED WARHEAD FRAGMENTATION SIZE.
MIM-23K	RAYTHEON	HAWK	1 XM-112	ARMY	MIM-23G MODIFIED WITH FUZE DELAY CIRCUIT AND INCREASED WARHEAD FRAGMENTATION SIZE.
MIM-23L	RAYTHEON	HAWK		ARMY	MIM-23G MODIFIED WITH A FUZE DELAY CIRCUIT.
MIM-23M	RAYTHEON	HAWK		ARMY	MIM-23H MODIFIED WITH A FUZE DELAY CIRCUIT.
RIM-24A	GENERAL DYNAMICS	TARTAR	1 MK27 MOD 2	NAVY	SURFACE-TO-AIR SHIP BORNE MISSILE. LAUNCHED BY SOLID PROPELLANT ROCKET INTO CONTINUOUS WAVE ILLUMINATOR BEAM. DIRECTED TO TARGET BY SEMIACTIVE HOMING SYSTEM.
RIM-24B	GENERAL DYNAMICS	TARTAR	1 MK27 MOD 2	NAVY	UPGRADED RIM-24A.
RIM-24C	GENERAL DYNAMICS	TARTAR		NAVY	UPGRADED RIM-24B.
LGM-25C	MARTIN	TITAN II	2	AF	INERTIALLY GUIDED, LIQUID PROPELLANT, 2-STAGE ICBM.
UGM-27A	LOCKHEED	POLARIS		NAVY	3-STAGE, INERTIALLY GUIDED, SOLID PROPELLANT SLBM.
UGM-27B	LOCKHEED	POLARIS	2 A-2P	NAVY	IMPROVED UGM-27A.

# MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
UGM-27C	LOCKHEED	POLARIS	2 A-3P	NAVY	IMPROVED UGM-27B.
AGM-28B	NORTH AMERICAN ROCKWELL	HOUND DOG	1 J52-P-3	AF	SUPERSONIC, JET PROPELLED, AIR-TO-SURFACE, INERTIALLY GUIDED, STANDOFF STRATEGIC MISSILE.
MGM-29A	USAMICOM	SERGEANT	1 M100	ARMY	FIELD ARTILLERY, INERTIAL-GUIDANCE MISSILE.
LGM-30B	BOEING	MINUTEMAN II	3 61-KS, M55A1 60-KS AF M56A1 48-DS, M57A1	AF	SOLID-FUEL, 3-STAGE ICBM IN HARDENED UNDERGROUND SILOS (INERTIAL-GUIDANCE SYSTEM).
LGM-30F	BOEING	MINUTEMAN II	1 M55E	AF	UPGRADED LGM-30B WITH MORE SOPHISTICATED GUIDANCE SYSTEM AND LONGER RANGE.
LGM-30G	BOEING	MINUTEMAN III	1 M55E	AF	UPGRADED LGM-30F WITH MIRV WARHEAD.
XMGM-31A	MARTIN	PERSHING	2 XM-101	ARMY	FIELD ARTILLERY, SURFACE-TO-SURFACE, 2 STAGE, SOLID PROPELLANT, INERTIALLY GUIDED MISSILE.
MQM-33A	NORTHROP VENTURA	NONE	1 O-100-2	ARMY	RADIO CONTROLLED, HIGH-WING, MONOPLANE TARGET MISSILE (RECOVERABLE).
MQM-33B	NORTHROP VENTURA	NONE	1 1-100-2	ARMY	UPGRADED MQM-33A USING A DIRECT COMMAND GUIDANCE SYSTEM.
MQM-33C	NORTHROP VENTURA	NONE	1 O-100-2	ARMY	UPGRADED MQM-33B.
MQM-33D	NORTHROP VENTURA	NONE	1 O-100-2	ARMY	UPGRADED MQM-33C.

# MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
BQM-34A	RYAN	FIREBEE	1 J69-T-29	AF	RECOVERABLE, AIR OR GROUND LAUNCHED, RADIO-COMMAND-GUIDED TARGET DRONE.
MQM-34D	RYAN	FIREBEE	2 J85-7	ARMY	RYAN MODEL 124-E TURBOJET TARGET GUIDED MISSILE.
BQM-34E	RYAN	FIREBEE	1 YF-69-T-406	NAVY	NAVY VERSION OF BQM-34A.
BQM-34F	RYAN	FIREBEE	1 YF-69-T-406	AF	USAF VERSION OF BQM-34E.
AQM-34L	RYAN	FIREBEE	1 J69-T-41A	AF	UPGRADED BQM-34A.
AQM-34M	RYAN	FIREBEE	1 J69-5-41A	AF	UPGRADED BQM-34A.
AQM-34P	RYAN	FIREBEE	1 J100-CA-100	AF	UPGRADED BQM-34A.
AQM-34R	RYAN	FIREBEE	1 J100-CA-100	AF	UPGRADED BQM-34A.
BQM-34S	RYAN	FIREBEE	1 YJ-69T-406	NAVY	UPGRADED BQM-34E WITH INTEGRATED TARGET CONTROL SYSTEM AN/USQ-3 (NA-70-1495).
BQM-34T	RYAN	FIREBEE	1 YJ-69T-406	NAVY	BQM-34E MODIFIED WITH TRANSPONDER SET AN/DKW-1 AND AUTOPILOT A/A37-G-9.
AQM-34V	RYAN	FIREBEE	1 J69-T-29A	AF	MODIFIED AQM-34H/J WITH ECM AND GROUND/AIR LAUNCH CAPABILITY.
MQM-36A	NORTHROP VENTURA	NONE	1 O-100-2	NAVY	SMALL PROPELLER DRIVER TARGET DRONE.

MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
AQM-37A	BEECH	NONE	1 LR64-NA-4	NAVY	AIR-LAUNCHED TARGET EMPLOYING LIQUID PROPELLANT MOTOR AND PROGRAMMED GUIDANCE.
AQM-37C	BEECH	NONE	1 LR64-NA-4	NAVY	UPGRADED AQM-37A.
AQM-37D	BEECH	NONE	1 LR64-NA-4	NAVY	AQM-37C MODIFIED TO REPLACE OBSOLETE COMPONENTS INCLUDING A NEW BATTERY, GYROS, DIGITAL AVIONICS PROCESSOR, AND RADAR AUGMENTATION SUITE.
FIM-43A	USAMICOM	REDEYE	1 M99	ARMY	ANTI-AIRCRAFT MISSILE USING INFRARED SEEKER AND ELECTROMECHANICAL GUIDANCE DEVICE.
FEM-43B	USAMICOM	REDEYE	1 M-110	ARMY	FIM-43B MODIFIED TO TRANSMIT SIGNALS USED BY GROUND UNIT TO INTERPRET MISSILE FUNCTION.
FIM-43B	USAMICOM	REDEYE	1 M-110	ARMY	UPGRADED FIM-43A.
FEM-43C	USAMICOM	REDEYE	1 M-115	ARMY	UPGRADED FEM-43B WITH NEW LAUNCHER AND TEST EQUIPMENT.
FIM-43C	USAMICOM	REDEYE	1 M-115	ARMY	UPGRADED FIM-43B WITH NEW LAUNCHER AND TEST EQUIPMENT.
FIM-43D	USAMICOM	REDEYE	1 M-115	ARMY	UPGRADED FIM-43C.
UUM-44A	GOODYEAR	SUBROC		NAVY	NONE.
AGM-45A	TEXAS INSTRUMENT & UNIVAC	SHRIKE	1 MK39 OR MK53	AF/NAVY	AIR-TO-SURFACE TACTICAL MISSILE USED TO DESTROY RADIATION TARGETS.
AGM-45B	TEXAS INSTRUMENT & UNIVAC	SHRIKE	1 MK78	AF/NAVY	UPGRADED AGM-45A.

# MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
ATM-45B	TEXAS INSTRUMENT	SHRIKE	1 MK78	AF/NAVY	TRAINING AGM-45A.
MGM-51A	USAMICOM	SHILLELAGH	1 MK78	ARMY	DIRECT FIRE, LINE-OF-SIGHT GUIDED MISSILE WITH SOLID PROPELLANTS AND SHAPED CHARGE, HIGH EXPLOSIVE WARHEAD.
MTM-51A	USAMICOM	SHILLELAGH	1 MK78	ARMY	TRAINING MGM-51A.
MGM-51B	USAMICOM	SHILLELAGH	1 MK78	ARMY	UPGRADED MGM-51A.
MTM-51B	USAMICOM	SHILLELAGH	1 MK78	ARMY	TRAINING MGM-51B.
MGM-51C	USAMICOM	SHILLELAGH	1 MK78	ARMY	MGM-51B WITH SHALLOW WARHEAD INDEX KEY TO BE FIRED FROM SHALLOW KEY GUN LAUNCHER.
MTM-51C	USAMICOM	SHILLELAGH	1 MK78	ARMY	TRAINING MTM-51B.
MGM-52B	USAMICOM	LANCE	2 T22	ARMY	CLASSIFIED MISSILE.
MGM-52C	USAMICOM	LANCE	2 T22	ARMY	UPGRADED MGM-52B.
AGM-53A	NORTH AMERICAN ROCKWELL	CONDOR	1 MK70	NAVY	LONG RANGE, ELECTRO-OPTICAL GUIDED MISSILE.
AGM-53B	NORTH AMERICAN ROCKWELL	CONDOR	1 MK70	NAVY	UPGRADED AGM-53A WITH ELECTROMAGNETIC INTERFERENCE (EMI) CAPABILITY.
AEM-54A	HUGHES	PHOENIX	1 MK47 OR MK60	NAVY	AIM-54A WITH INERT PROPULSION AND ARMAMENT SECTIONS AND TELEMETRY EVALUATION KIT. USED AS CAPTIVE/CARRY MISSILE.

MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
AIM-54A	HUGHES	PHOENIX	1 MK47 OR MK60	NAVY	LONG-RANGE, TACTICAL, AIR-TO-AIR MISSILE.
ATM-54A	NOVORDSTA	PHOENIX	1 MK47 OR MK60	NAVY	DUMMY AIM-54A.
AEM-54B	HUGHES	PHOENIX	1 MK47 OR MK60	NAVY	AIM-54A WITH INERT ARMAMENT SECTION AND TELEMETRY EQUIPMENT. USED FOR MISSILE FLIGHT EVALUATION.
ATM-54B	HUGHES	PHOENIX	1 MK47 OR MK60	NAVY	TRAINING AIM-54A.
AIM-54C	HUGHES	PHOENIX	1 MK47 OR MK60	NAVY	UPGRADED AIM-54A.
XAIM-54C	HUGHES	PHOENIX	1 MK47 OR MK60	NAVY	EXPERIMENTAL VERSION OF THE AIM-54C WITH DIGITAL TECHNOLOGY.
YAIM-54C	HUGHES	PHOENIX	1 MK47 OR MK60	NAVY	PROTOTYPE AIM-54C.
RIM-55A	BENDIX	TYPHON (MR)		NAVY	NONE.
ZRGM-59A	TBD	NONE		NAVY	SHIP-LAUNCHED, ROCKET-PROPELLED, SURFACE-TO-SURFACE, GUIDED MISSILE FOR AMPHIBIOUS OPERATIONS SUPPORT (LANDING FORCE SUPPORT WEAPON).
MQM-61A	BEECH	CARDINAL	1 TC-6150-J-3	ARMY	PROPELLER-DRIVEN, GUIDED MISSILE.
AGM-65A	HUGHES	MAVERICK	1 SR-109-TC-1	AF	AIR-TO-SURFACE, TV-GUIDED TACTICAL MISSILE.
AGM-65B	HUGHES	MAVERICK	1 SR-109-TC-1	AF	UPGRADED AGM-65A WITH VIEW MAGNIFICATION.
AGM-65D	HUGHES	MAVERICK	1 SR-109-TC-1	AF	UPGRADED AGM-65B WITH INFRARED HOMING GUIDANCE SYSTEM.



MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
AGM-65E	HUGHES	MAVERICK	1 SR-109-TC-1	NAVY	NAVY VERSION OF AGM-65.
AGM-65F	HUGHES	MAVERICK	1 SR-109-TC-1	NAVY	AGM-65D MODIFIED WITH MAVERICK ALTERNATE WARHEAD AND REDUCED SMOKE ROCKET MOTOR.
CATM-65F	HUGHES	MAVERICK	1 SR-114-TC-1	NAVY	CAPTIVE/CARRY TRAINING VERSION OF AGM-65F.
AGM-65G	HUGHES	MAVERICK	1 SR-109-TC-1	NAVY	AGM-65F WITH UNIQUE EMBEDDED SOFTWARE AND NO SAFETY AND ARMING DEVICE.
AGM-65H	HUGHES	MAVERICK	1 SR-109-TC-1	AF	AGM-65 WITH UPGRADED TELEVISION GUIDANCE CAPABILITY.
YRIM-66A	GENERAL DYNAMICS	STANDARD	1 MK27 MOD 0	NAVY	SUPERSONIC, SURFACE-TO-AIR AND SURFACE-TO-SURFACE WEAPON FOR SHIPBOARD USE, DUAL THRUST, SOLID PROPELLANT MOTOR. CONTINUOUS WAVE SEMIACTIVE HOMING SYSTEM. PROTOTYPE.
RIM-66B	GENERAL DYNAMICS	STANDARD	1 MK56 MOD 0	NAVY	PRODUCTION YRIM-66A.
RIM-66C	GENERAL DYNAMICS	STANDARD	1 MK56 MOD 0	NAVY	UPGRADED RIM-66B ADAPTED TO AEGIS MISSILE SYSTEM.
RGM-66D	GENERAL DYNAMICS	STANDARD	1 MK56 MOD 0	NAVY	RIM-66B MODIFIED AS SURFACE-TO-SURFACE, ANTI-RADIATION MISSILE.
RTM-66D	GENERAL DYNAMICS	STANDARD	1 MK56 MOD 0	NAVY	TRAINING RGM-66D.
RGM-66E	GENERAL DYNAMICS	STANDARD	1 MK56 MOD 0	NAVY	RGM-66D ADAPTED TO ASROC LAUNCHER.

MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
RIM-66E	GENERAL DYNAMICS	STANDARD	1 MK56 MOD 0	NAVY	SURFACE-TO-AIR GUIDED MISSILE FOR SHIPBOARD DEFENSE. ALL ELECTRIC WITH SEMI-ACTIVE HOMING GUIDANCE.
RIM-66G	GENERAL DYNAMICS	STANDARD	1 MK-104 MOD 0	NAVY	RIM-66C MODIFIED WITH IMPROVED GUIDANCE SECTION, TELEMETER UNIT, AND ROCKET MOTOR.
RIM-66H	GENERAL DYNAMICS	STANDARD	1 MK-104 MOD 0	NAVY	RIM-66G WITH MK51 MOD 0 CONTROL FIN SET.
RIM-66J	GENERAL DYNAMICS	STANDARD	1 MK-104 MOD 0	NAVY	RIM-66D MODIFIED WITH IMPROVED GUIDANCE SECTION, TELEMETER UNIT, AND ROCKET MOTOR.
RIM-66K	GENERAL DYNAMICS RAYTHEON	STANDARD	1 MK 104 MOD 1	NAVY	RIM-66J MODIFIED WITH IMPROVED TARGET DETECTION LOGIC. RAIL LAUNCHED SHIPBOARD DEFENSE MISSILE.
RIM-66L	GENERAL DYNAMICS RAYTHEON	STANDARD	1 MK 104 MOD 1	NAVY	RIM-66G MODIFIED WITH IMPROVED DETECTION LOGIC, IMPROVED GUIDANCE FOR LOW LEVEL PERFORMANCE, AND SHROUD ASSEMBLY.
RIM-66M	GENERAL DYNAMICS RAYTHEON	STANDARD	1 MK 104 MOD 1	NAVY	RIM-66H MODIFIED WITH IMPROVED DETECTION LOGIC, GUIDANCE, AND SHROUD ASSEMBLY.
YRIM-67A	GENERAL DYNAMICS	STANDARD	2 SUST MK30 MOD 1 BSTR MK-12 MOD 1	NAVY	SURFACE-TO-AIR AND SURFACE-TO-SURFACE WEAPON FOR SHIPBOARD USE. 2-STAGE SOLID PROPELLANT ACTIVE HOMING SYSTEM, PROTOTYPE.
YRQM-67A	HUGHES	STANDARD	N/A	NAVY	PROTOTYPE SHIP-LAUNCHED TARGET FLYING PRE-PROGRAMMED TRAJECTORY.
RIM-67B	GENERAL DYNAMICS	STANDARD	2 SOLID	NAVY	SHIPBOARD SURFACE-TO-AIR AND SURFACE-TO-SURFACE WEAPON WHICH EMPLOYS MIDCOURSE COMMAND POINT GUIDANCE AND TERMINAL SEMI-ACTIVE OR PASSING HOMING.

# MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
RIM-67C	GENERAL DYNAMICS	STANDARD	2 SOLID	NAVY	RIM-67B MODIFIED WITH IMPROVED GUIDANCE AND TARGET DETECTING SHROUD.
RIM-67D	GENERAL DYNAMICS	STANDARD	2 SOLID	NAVY	A RAIL LAUNCHED VERSION OF THE RIM-67 WITH IMPROVED GUIDANCE AND AUTOPILOT BATTERY SECTION.
AGM-69A	BOEING	SRAM	1 XSR-75-LP-1	AF	SHORT RANGE, AIR-TO-SURFACE, ATTACK MISSILE (SRAM).
AGM-69B	BOEING	SRAM	1 XSR-75-LP-1	AF	UPGRADED AGM-69A.
BGM-71A	HUGHES	TOW	1 SUSTAINER BOOSTER M-114	ARMY	AERODYNAMICALLY MANEUVERED, TUBE-LAUNCHED, OPTICALLY-TRACKED, WIRE COMMAND LINK, SURFACE ATTACK, GUIDED MISSILE.
BTM-71A	HUGHES	TOW	1 SUSTAINER BOOSTER M-114	ARMY	TRAINING BGM-71A.
BGM-71B	HUGHES	TOW	1 SUSTAINER BOOSTER M-114	ARMY	UPGRADED BGM-71A.
BTM-71B	USAMICOM	TOW	1 SUSTAINER BOOSTER M-114	ARMY	TRAINING BGM-71B.
BGM-71C	HUGHES	TOW	1 SUSTAINER BOOSTER M-114	ARMY	UPGRADED BGM-71B. IMPROVED WARHEAD WITH CONTACT ACTIVATED PROBE.
BGM-71D	HUGHES	TOW	1 SUSTAINER BOOSTER M-114	ARMY	UPGRADED BGM-71C.

# MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
BGM-71E	HUGHES	TOW	1 SUSTAINER BOOSTER M-114	ARMY	IMPROVED WARHEAD CAPABILITY OVER BGM-71D.
BGM-71F	USAMICOM	TOW	1 SUSTAINER BOOSTER M114	ARMY	BGM-71E WITH IMPROVED WARHEAD.
BGM-71G	HUGHES	TOW	1 SUSTAINER BOOSTER M-114	ARMY	IMPROVED WARHEAD CAPABILITY OVER BGM-71F (ARMOR PIERCING WARHEAD).
MIM-72A	USAMICOM	CHAPARRAL	1 MK50 MOD 0	ARMY	SUPERSONIC, IR SEEKER MISSILE USED TO ATTACK LOW-FLYING TARGET.
MIM-72B	USAMICOM	CHAPARRAL	1 MK50 MOD 0	ARMY	UPGRADED MIM-72A.
MIM-72C	USAMICOM	CHAPARRAL	1 MK50 MOD 0	ARMY	UPGRADED MIM-72B.
XMIM-72D	USAMICOM	CHAPARRAL	1 MK50 MOD 0	ARMY	UPGRADED MIM-72C. IMPROVED WARHEAD AND DIRECTIONAL DOPPLER FUSE. EXPERIMENTAL.
MIM-72E	USAMICOM	CHAPARRAL	1 MK50 MOD 0	ARMY	UPGRADED MIM-72D.
MIM-72F	USAMICOM	CHAPARRAL	1 MK50 MOD 0	ARMY	UPGRADED MIM-72E.
MIM-72G	FORD AEROSPACE	CHAPARRAL	1 M-121	ARMY	SIMILAR TO MIM-72C WITH AN/DAM-2 GUIDANCE SECTION.
MIM-72H	FORD AEROSPACE	CHAPARRAL	1 M-121	ARMY	UPGRADED MIM-72F.
MIM-72J	LORAL	CHAPARRAL	1 M-121	ARMY	SIMILAR TO MIM-72G WITH REDUCED CAPABILITY GUIDANCE AND CONTROL SYSTEM FOR EXPORT.

# MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
ZUGM-73A	LOCKHEED	NONE	2	NAVY	INERTIALLY GUIDED, SOLID PROPELLANT SLBM. REFERRED TO UNOFFICIALLY AS POSEIDON.
MQM-74A	NORTHROP	NONE	1 YF-400-WR-400	NAVY	RECOVERABLE, REMOTELY CONTROLLED, GUNNERY TARGET LAUNCHED BY JATO FROM SHIP AND SHORE BASED LAUNCHER.
MQM-74B	NORTHROP	NONE	1 YJ-400-WR-40	NAVY	UPGRADED MQM-74A.
BQM-74C	NORTHROP	NONE	1 YJ400-WR402	NAVY	MQM-74C MODIFIED FOR SURFACE AND AIR LAUNCH CAPABILITY.
MQM-74C	NORTHROP	NONE	1 WR-24-7	NAVY	UPGRADED MQM-74B.
BQM-74D	NORTHROP	NONE	1 WR-24-7	ARMY	MQM-74C MODIFIED FOR LAND OR WATER RECOVERY, PRECISION NAVIGATION AND SENSORS FOR TARGET ACQUISITION AND BATTLEFIELD SURVEILLANCE.
BQM-74E	NORTHROP	NONE	1 J400-WR-404 TURBOJET	NAVY	SUBSCALE, SUBSONIC AERIAL TARGET DRONE WHICH CAN BE SURFACE OR AIR LAUNCHED, RECOVERED ON LAND OR WATER, AND IS CONTROLLED FROM THE GROUND OR IS PREPROGRAMMED.
AGM-78A	GENERAL DYNAMICS	STANDARD ARM	1 MK27 MOD 4	NAVY	TACTICAL, ANTI-RADIATION MISSILE WITH SMOKE DEVICE.
ATM-78A	GENERAL DYNAMICS	STANDARD ARM		NAVY	TRAINING AGM-78A.
AGM-78B	GENERAL DYNAMICS	STANDARD ARM	1 MK27 MOD 4	NAVY	UPGRADED AGM-78A.

# MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
ATM-78B	GENERAL DYNAMICS	STANDARD ARM	1 MK27 MOD 2/3	NAVY	TRAINING AGM-78B USED FOR CAPTIVE FLIGHT AND CLASSROOM INSTRUCTION.
AGM-78C	GENERAL DYNAMICS	STANDARD ARM	1 MK27 MOD 4	AF/NAVY	UPGRADED AGM-78C.
ATM-78C	GENERAL DYNAMICS	STANDARD ARM	1 MK69 MOD 0	AF/NAVY	TYPE III TRAINING AGM-78C USED FOR CAPTIVE FLIGHT AND CLASSROOM TRAINING.
AGM-78D	GENERAL DYNAMICS	STANDARD ARM	1 MK69 MOD 0	AF/NAVY	UPGRADED AGM-78C.
ATM-78D	GENERAL DYNAMICS	STANDARD ARM	1 MK69 MOD 0	NAVY	TYPE III TRAINING AGM-78D FOR CAPTIVE FLIGHT AND CLASSROOM TRAINING.
XQM-81A	BEECH	FIREBOLT	1	AF	SUPERSONIC, HIGH ALTITUDE, TARGET MISSILE USED WITH F-4C AIRCRAFT.
AQM-81B	TELEDYNE RYAN	FIREBOLT	1	NAVY	AQM-81A MODIFIED WITH NAVY INTEGRATED TARGET CONTROL SYSTEM AND PARACHUTE RECOVERY AND FLOTATION SYSTEM.
AGM-83A	TEXAS INSTRUMENT & NWCC	BULLDOG	1 LR58-RM-4	NAVY	AGM-12A MODIFIED AS AIR-TO-SURFACE, SEMI-ACTIVE MISSILE.
ATM-83A	NAVAL WEAPONS CENTER	BULLDOG	1 MK8 MOD 2	NAVY	TRAINING AGM-83A.
AGM-84A	MCDONNELL DOUGLAS	HARPOON	1 XJ-402-CA-400	NAVY/AF	AIR-TO-SURFACE GUIDED MISSILE DESIGNED TO DESTROY SHIP TARGETS.

MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
ATM-84A	MCDONNELL DOUGLAS	HARPOON	1 XJ-402-CA-400	NAVY	TRAINING ZAGM-84A.
RGM-84A	MCDONNELL DOUGLAS	HARPOON	1 XJ-402-CA-400	NAVY	AGM-84A MODIFIED FOR SHIPBOARD LAUNCH.
RTM-84A	MCDONNELL DOUGLAS	HARPOON	1 XJ-402-CA-400	NAVY	TRAINING VERSION OF THE RGM-84A.
UGM-84A	MCDONNELL DOUGLAS	HARPOON	1 XJ-402-CA-400	NAVY	RGM-84A CONTAINED IN CAPSULE DESIGNED FOR UNDERWATER LAUNCH TO ATTACK SURFACE TARGET.
UTM-84A	MCDONNELL DOUGLAS	HARPOON	1 XJ-402-CA-400	NAVY	TRAINING VERSION OF THE UGM-84A.
ZAGM-84A	MCDONNELL DOUGLAS	HARPOON	1 XJ-402-CA-400	NAVY	SURFACE-TO-SURFACE GUIDED MISSILE DESIGNED TO DESTROY LAND AND SEA TARGETS.
AGM-84B	MCDONNELL DOUGLAS	HARPOON	1 XJ-402-CA-400	NAVY/UK	AGM-84A MODIFIED FOR UNITED KINGDOM UNDERWATER LAUNCH AND ATTACK.
ATM-84B	MCDONNELL DOUGLAS	HARPOON	1 XJ-402-CA-400	NAVY	TRAINING VERSION OF THE AGM-84B.
RGM-84B	MCDONNELL DOUGLAS	HARPOON	1 XJ-402-CA-400	NAVY	RGM-84A MODIFIED FOR UNITED KINGDOM UNDERWATER LAUNCH AND ATTACK.
RTM-84B	MCDONNELL DOUGLAS	HARPOON	1 XJ-402-CA-400	NAVY	TRAINING VERSION OF THE RGM-84B.

MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
UGM-84B	MCDONNELL DOUGLAS	HARPOON	1 XJ-402-CA-400	NAVY	UGM-84A MODIFIED FOR UNITED KINGDOM UNDERWATER LAUNCH AND ATTACK.
UTM-84B	MCDONNELL DOUGLAS	HARPOON	1 XJ-402-CA-400	NAVY	TRAINING VERSION OF THE UGM-84B.
AGM-84C	MCDONNELL DOUGLAS	HARPOON	1 XJ-402-CA-400	NAVY	AGM-84A MODIFIED FOR LOWER ALTITUDE MID-COURSE PROFILE AND SEA SKIM TERMINAL TRAJECTORY.
ATM-84C	MCDONNELL DOUGLAS	HARPOON	1 XJ-402-CA-400	NAVY	TRAINING VERSION OF THE AGM-84C.
RGM-84C	MCDONNELL DOUGLAS	HARPOON	1 XJ-402-CA-400	NAVY	RGM-84A MODIFIED FOR LOWER ALTITUDE MID-COURSE PROFILE AND SEA SKIM TERMINAL TRAJECTORY.
RTM-84C	MCDONNELL DOUGLAS	HARPOON	1 XJ-402-CA-400	NAVY	TRAINING VERSION OF THE RGM-84C.
UGM-84C	MCDONNELL DOUGLAS	HARPOON	1 XJ-402-CA-400	NAVY	UGM-84A MODIFIED FOR LOWER ALTITUDE MID-COURSE PROFILE AND SEA SKIM TERMINAL TRAJECTORY.
UTM-84C	MCDONNELL DOUGLAS	HARPOON	1 XJ-402-CA-400	NAVY	TRAINING VERSION OF THE UGM-84C.
AGM-84D	MCDONNELL DOUGLAS	HARPOON	1 XJ-402-CA-400	NAVY	AGM-84C MODIFIED FOR INCREASED RANGE, MID-COURSE WAY POINTS AND SELECTABLE (SEA SKIM/POP-UP) TERMINAL TRAJECTORY.
ATM-84D	MCDONNELL DOUGLAS	HARPOON	1 XJ-402-CA-400	NAVY	TRAINING VERSION OF THE AGM-84D.



# MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
RGM-84D	MCDONNELL DOUGLAS	HARPOON	1 XJ-402-CA-400	NAVY	RGM-84C MODIFIED FOR INCREASED RANGE, MID-COURSE WAY POINTS AND SELECTABLE (SEA SKIM/POP-UP) TERMINAL TRAJECTORY.
RTM-84D	MCDONNELL DOUGLAS	HARPOON	1 XJ-402-CA-400	NAVY	TRAINING VERSION OF THE RGM-84D.
UGM-84D	MCDONNELL DOUGLAS	HARPOON	1 XJ-402-CA-400	NAVY	UGM-84C MODIFIED FOR INCREASED RANGE, MID-COURSE WAY POINTS AND SELECTABLE (SEA SKIM/POP-UP) TERMINAL TRAJECTORY.
UTM-84D	MCDONNELL DOUGLAS	HARPOON	1 XJ-402-CA-400	NAVY	TRAINING VERSION OF THE UGM-84D.
CATM-84D	NAVAL ORDNANCE STATION	HARPOON		NAVY	CAPTIVE CARRY INERT TRAINER FOR AGM-84D MISSILE.
NAEM-84D	NAVAL ORDNANCE STATION	HARPOON		NAVY	PERMANENT RECOVERABLE TELEMETRIC JETTISON TEST VEHICLE FOR AGM-84D.
AGM-84E	MCDONNELL DOUGLAS	HARPOON	1 XJ-402-CA-400	NAVY	AIR-LAUNCHED STRIKE WEAPON FOR USE BY CARRIER AIRCRAFT AGAINST LAND TARGETS, SHIPS AT PORT, AND SHIPS AT SEA.
ATM-84E	MCDONNELL DOUGLAS	HARPOON	1 XJ-402-CA-400	NAVY	TRAINING VERSION OF THE AGM-84E.
DATM-84E	NAVAL ORDNANCE STATION	HARPOON		NAVY	DUMMY INERT TRAINER FOR AGM-84E MISSILE.

# MISSILE SERIES (CONTINUED)

DS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
AEM-84E	NAVAL ORDNANCE STATION	HARPOON		NAVY	PERMANENT RECOVERABLE TELEMETRIC JETTISON TEST VEHICLE FOR AGM-84E.
RIM-85A	TBD	NONE		NAVY	MEDIUM RANGE, SURFACE-TO-AIR, ALL-WEATHER MISSILE FOR USE AGAINST ATTACK AIRCRAFT, MISSILES, AND SURFACE TARGET.
SM-86B	BOEING	NONE	1 F-107-WR-100	AF	AIR-LAUNCHED, SUBSONIC, TERRAIN FOLLOWING, CRUISE MISSILE (ALCM).
SM-86C	BOEING	NONE	1 F-107-WR-100	AF	AGM-86B MODIFIED FOR CONVENTIONAL USE (ALCM).
SM-87A	NAVAL WPNS CTR & GENERAL ELECTRIC	FOCUS I	1 MK17 MOD 5	NAVY	CLASSIFIED MISSILE.
AGM-88A	NAVAL WEAPONS CENTER	HARM	1 SR-113-TC-1	AF/NAVY	ANTI-RADIATION, HIGH VELOCITY, AIR-LAUNCHED, GUIDED MISSILE USED AGAINST SURFACE RADAR INSTALLATION.
ATM-88A	NAVAL WEAPONS CENTER	HARM	1 TSR-113-TC-1	AF/NAVY	TRAINING AGM-88A.
CATM-88A	TEXAS INSTRUMENT	HARM	1 TSR-113-TC-1	AF/NAVY	CAPTIVE, AIR TRAINING VERSION OF THE AGM-88A.
DATM-88A	TEXAS INSTRUMENT	HARM	1 TSR-113-TC-1	AF/NAVY	MECHANICAL MODEL OF THE AGM-88A USED FOR TRAINING LOADING CREWS.
AGM-88B	NAVAL WEAPONS CENTER	HARM	1 SR-113-TC-1	AF/NAVY	AGM-88A MODIFIED WITH IMPROVED TACTICAL SOFTWARE, IMPROVED ELINT SOFTWARE AND REPROGRAMMABLE MEMORY.

# MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
CATM-88B	TEXAS INSTRUMENT	HARM		AF/NAVY	CAPTIVE, AIR TRAINING VERSION OF THE AGM-88B.
DATM-88B	TEXAS INSTRUMENT	HARM	1 TSR-113-TC-1	AF/NAVY	MECHANICAL MODEL OF AGM-88B & AGM-88C-1 USED FOR CREW TRAINING FOR REPROGRAMMING SIMULATION.
AGM-88C	TEXAS INSTRUMENT FORD AEROSPACE	HARM	1 SOLID	NAVY	IMPROVED GUIDANCE SECTION WITH NEW OPERATIONAL CAPABILITIES AGAINST THE LATEST THREATS.
CATM-88C	TEXAS INSTRUMENTS	HARM	1 TSR-113-TC-1	AF/NAVY	CAPTIVE AIR TRAINING VERSION OF THE AIR-TO-SURFACE AGM-88C WITH INERT ROCKET MOTOR AND WARHEAD.
ZBQM-90A	TBD	NONE		NAVY	REMOTELY CONTROLLED, HIGH ALTITUDE, SUPERSONIC, AERIAL TARGET.
AQM-91A	RYAN	NONE	1 J97	AF	NONE.
FIM-92A	GENERAL DYNAMICS	STINGER		ARMY	PORTABLE, SHOULDER-FIRED WEAPON WITH MISSILE THAT USES INFRARED SEEKER AND ELECTRO-MECHANICAL GUIDANCE TO HOME ON LOW FLYING AIRCRAFT.
XFIM-92B	GENERAL DYNAMICS	STINGER		ARMY	PROTOTYPE UPGRADE OF FIM-92A.
FIM-92C	GENERAL DYNAMICS	STINGER	1	ARMY	FIM-92A WITH UV SEEKER.
FIM-92D	GENERAL DYNAMICS	STINGER	1	ARMY	FIM-92C MODIFIED WITH IMPROVED COUNTERMEASURES.

# MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
XGQM-93A	LTV ELECTRO SYSTEMS	NONE	1 PT6A	AF	REMOTELY PILOTED VEHICLE.
YGQM-94A	BOEING	NONE	1 J97	AF	HIGH ALTITUDE, LONG ENDURANCE RPV FOR PHOTO/ELECTRONIC RECONNAISSANCE, TARGET IDENTIFICATION COMMUNICATION RELAY OR WEATHER SURVEILLANCE. PROTOTYPE.
YGQM-94B	BOEING	NONE	1 TF34-GE	AF	UPGRADED YGQM-94A.
AIM-95A	TBD	AGILE		NAVY	SHORT-RANGE, AIR-TO-AIR MISSILE FOR AERIAL COMBAT.
UGM-96A	LOCKHEED	TRIDENT		NAVY	LONG-RANGE SLBM.
XAIM-97A	TBD	NONE	1 MK27 MOD 4	AF	CLASSIFIED EXPERIMENT.
YGQM-98A	TELEDYNE RYAN	NONE	1 YF-104	AF	CLASSIFIED PROTOTYPE.
RIM-101A	TBD	NONE		NAVY	SURFACE-TO-AIR WEAPON FOR SHIPBOARD USE. LAUNCHED FROM TUB BY SOLID PROPELLANT EJECTOR. PASSIVE I-BAND RF AND PASSIVE IR GUIDANCE.
PQM-102A	GENERAL DYNAMICS	DELTA DAGGER	1 J57-P/F-23/23A	AF	DRONE VERSION OF QF-102A.
PQM-102B	GENERAL DYNAMICS	DELTA DAGGER	1 J57-P/F-23/-23A P&W FORD	AF	DRONE VERSION OF QF-102B.
XAQM-103A	RYAN	NONE	1 T69-T-41A	AF	MODIFIED RYAN 147G HIGH ALTITUDE DRONE IN RPV TEST BED CONFIGURATION. AIR-LAUNCHED FROM DC-130 AND RECOVERED BY MID AIR RETRIEVAL SYSTEM.

# MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
MIM-104A	MARTIN	PATRIOT	1 TX-486-1	ARMY	PRODUCTION XMIM-104A.
XMIM-104A	USAMICOM	PATRIOT	1 TX-486-1	ARMY	AIR DEFENSE MISSILE/STORED IN LAUNCH TUBE.
MIM-104B	USAMICOM	PATRIOT	1 TX-486-1	ARMY	MIM-104A MODIFIED WITH IMPROVED CAPABILITY AGAINST STAND-OFF AND SELF SCREENING JAMMERS.
MIM-104C	USAMICOM	PATRIOT	1 TX-486-1	ARMY	MIM-104B MODIFIED WITH IMPROVED SYSTEMS CAPABILITY AGAINST TACTICAL BALLISTIC MISSILES.
MIM-104D	RAYTHEON	PATRIOT	1 TX-486-1	ARMY	MIM-104C MODIFIED TO PROVIDE IMPROVED DETECTION OF TARGETS WITH REDUCED CROSS SECTION AND ENHANCED LETHALITY.
YMQM-105A	LOCKHEED	AQUILA	1 DYAO 240-B	ARMY	SMALL, HYDRAULICALLY-LAUNCHED, DELTA WING PUSHER-PROPELLER-DRIVEN MISSILE. TARGET ACQUISITION THROUGH TELEVISION, LASER RANGE FINDER, AND LASER DESIGNATOR SENSORS. PROTOTYPE.
XBQM-106A	DIGITAL DESIGN INCORPORATED	NONE	1 HERBRANSON DYAD220	AF	MODIFIED XBQM-106.
XMQM-106A	AF FLIGHT DYNAMICS LAB	NONE	1	AF	EXPERIMENTAL TACTICAL RPV.
XBQM-106B	AF FLIGHT DYNAMICS LAB	NONE	1 HERBRANSON DYAD220	AF	MODIFIED XBQM-106A.
XBQM-106C	AF FLIGHT DYNAMICS LAB	NONE	1 HERBRANSON DYAD220	AF	MODIFIED XBQM-106B.

# MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
MQM-107A	USAMICOM	STREAKER	1 J402-CA-700	ARMY	REMOTELY CONTROLLED, VARIABLE SPEED, RECOVERABLE, GUNNERY TARGET DRONE. GROUND LAUNCH WITH JATO ASSIST.
MQM-107B	USAMICOM	STREAKER	1 J402-CA-700	AF	AF VERSION OF MQM-107A.
MQM-107C	BEECH	STREAKER	1 J402-CA-700	AF	IMPROVED VERSION OF MQM-107A WITH PROVISIONS FOR MANEUVERING AUTOPILOT INSTALLATION.
MQM-107D	USAMICOM	STREAKER	1 J402-CA-702	AF/ARMY	IMPROVED MQM-107B WITH LOWER COST ENGINES.
MQM-107E	USAMICOM	STREAKER	1 J402-CA-702	AF/ARMY	IMPROVED MQM-107C WITH LOWER COST ENGINES.
XBQM-108A	TBD	NONE	1 CAE X J-402-CA-400	NAVY	VERTICAL TAKE-OFF AND LANDING DRONE WITH LOW DELTA WING/CANARD. EXPERIMENTAL.
BGM-109A	GENERAL DYNAMICS	TOMAHAWK	1 F107-400	NAVY	GROUND LAUNCHED CRUISE MISSILE (GLCM) LAND ATTACK VERSION.
BGM-109B	GENERAL DYNAMICS	TOMAHAWK	1 F107-400	AF	ANTI-SHIP VERSION BGM-109A.
BGM-109C	GENERAL DYNAMICS	TOMAHAWK	1 F107-400	NAVY	BGM-109B CONFIGURED FOR GROUND LAUNCH AND USING AN/DSW-15(V) GUIDANCE SYSTEM.
RGM-109E	HUGHES	TOMAHAWK	1 J402-CA-401	NAVY	SHIP-LAUNCHED, CONVENTIONALLY WARHEADED, LAND ATTACK OR ANTI-SHIP WEAPON WITH A UNITARY WARHEAD (WDU-36/B).
UGM-109E	HUGHES	TOMAHAWK	1 J402-CA-401	NAVY	UNDERWATER LAUNCHED, CONVENTIONALLY WARHEADED, LAND ATTACK OR ANTI-SHIP WEAPON WITH A UNITARY WARHEAD (WDU-36/B).

MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
BGM-109G	GENERAL DYNAMICS	GRIFFIN	1 F107-400	AF	AIR FORCE VERSION OF GLCM LAUNCHED FROM TRANSPORTER ERECTOR LAUNCHER (TEL).
AGM-109H	GENERAL DYNAMICS	TOMAHAWK	1 J402-CA-401	AF	MEDIUM-RANGE, AIR-LAUNCHED, AIRFIELD ATTACK CRUISE MISSILE WITH CONVENTIONAL WARHEAD (TACTICAL AIRFIELD ATTACK MUNITIONS).
RGM-109H	HUGHES	TOMAHAWK	1 J402-CA-401	NAVY	SHIP-LAUNCHED, CONVENTIONALLY WARHEADED, LAND ATTACK OR ANTI-SHIP WEAPON WITH A TOMAHAWK HARD TARGET PENETRATOR WARHEAD.
UGM-109H	HUGHES	TOMAHAWK	1 J402-CA-401	NAVY	UNDERWATER LAUNCHED, CONVENTIONALLY WARHEADED, LAND ATTACK OR ANTI-SHIP WEAPON WITH A TOMAHAWK HARD TARGET PENETRATOR WARHEAD.
AGM-109K	GENERAL DYNAMICS	TOMAHAWK	1 J402-CA-401	AF	MEDIUM-RANGE, AIR-LAUNCHED, LAND ATTACK AND SEALANE CONTROL CRUISE MISSILE WITH CONVENTIONAL WARHEAD (WDU-25A/B).
AGM-109L	GENERAL DYNAMICS	TOMAHAWK	1 J402-CA-4401	NAVY	MEDIUM-RANGE, AIR-LAUNCHED, LAND/SEA ATTACK CRUISE MISSILE WITH CONVENTIONAL WARHEAD (WDU-7B).
XRIM-113A	NAVAL SURFACE WPNS CENTER	NONE		NAVY	ANTI-CRUISE MISSILE SURFACE-TO-AIR DEFENSE (EXPERIMENTAL).
AGM-114A	ROCKWELL	HELLFIRE	1 TX-657	ARMY	HELICOPTER-LAUNCHED ANTI-ARMOR MISSILE EQUIPPED WITH TERMINAL HOMING SEEKER AND SHAPED CHARGED WARHEAD.
YAGM-114A	ROCKWELL	HELLFIRE	1 TX-657	ARMY	PROTOTYPE AGM-114A.

MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
AGM-114B	ROCKWELL	HELLFIRE	1 13202500	NAVY/MARN	HELICOPTER-LAUNCHED HEAT MISSILE EQUIPPED WITH TERMINAL HOMING/GUIDANCE PROVIDED BY THREE DIFFERENT SEEKER MODULES. MINIMUM SMOKE MOTOR. SAFE ARM DEVICE.
YAGM-114B	ROCKWELL	HELLFIRE	1 T773-3	NAVY	NAVY VERSION OF AGM-114A. MODIFICATION INCLUDES SAFE ARMING DEVICE (SAD).
AGM-114C	ROCKWELL	HELLFIRE	1 M120E1	ARMY	SAME AS AGM-114B, EXCEPT NO SAFE ARM DEVICE.
AGM-114D	USAMICOM	HELLFIRE	1 M120E1	ARMY	AGM-114C MODIFIED WITH DIGITAL AUTOPILOT.
AGM-114E	USAMICOM	HELLFIRE	1 T773-3	NAVY	AGM-114B MODIFIED WITH DIGITAL AUTOPILOT.
AGM-114F	ROCKWELL	HELLFIRE	1 M120E1	ARMY	AGM-114C MODIFIED TO INCLUDE ENHANCED WARHEAD FOR PENETRATION OF ARMORED TARGETS WITH REACTIVE ARMOR.
AGM-114G	ROCKWELL	HELLFIRE	1 T773-3	ARMY	AGM-114B MODIFIED TO INCLUDE ENHANCED WARHEAD FOR PENETRATION OF ARMORED TARGETS WITH REACTIVE ARMOR. ALSO INCLUDES SAFE ARM DEVICE.
AGM-114H	ROCKWELL	HELLFIRE	1 M120E1	ARMY	AGM-114F MODIFIED BY REPLACING CURRENT ANALOG AUTOPILOT WITH REPROGRAMMABLE DIGITAL GUIDANCE SUBSYSTEM.
AGM-114J	MARTIN MARIETTA	HELLFIRE		ARMY	ARMY VARIANT OF HELLFIRE MISSILE SYSTEM. MODS INCLUDE IMPROVEMENTS TO GUIDANCE, PROPULSION, WARHEAD, AND CONTROL SECTIONS. SPECIAL FEATURES INCLUDE TRIPLE WARHEAD WITH ELECTRONIC ARM/FIRE AND COUNTERMEASURES HARDENED SEEKER.
AGM-114K	MARTIN MARIETTA	HELLFIRE		NAVY	NAVY VARIANT OF HELLFIRE MISSILE SYSTEM. AGM-114J WITH SAFE/ARM FEATURE FOR ROCKET MOTOR.



# MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
AGM-114L	MARTIN MARIETTA WESTINGHOUSE	HELLFIRE		ARMY	AGM-114H MODIFIED WITH A FIRE AND FORGET SENSOR.
XHM-115A	USAMICOM	US ROLAND		ARMY	ALL-WEATHER, AERODYNAMICALLY MANEUVERABLE, COMMAND-TO-LINE-OF-SIGHT, GUIDED MISSILE. OPTICALLY OR RADAR TRACKED. EXPERIMENTAL.
XRIM-116A	RAM	NONE		NAVY	EXPERIMENTAL SURFACE-TO-AIR MISSILE FOR ANTI-SHIP MISSILE DEFENSE.
XRTM-116A	GENERAL DYNAMICS	NONE	1 EX 1 MOD 0	NAVY	TRAINING VERSION OF THE XRTM-116A MISSILE.
FQM-117A	MERCOM	NONE	1 0.61	ARMY	USED FOR TARGET TRAINING.
FQM-117B	RS SYSTEMS	NONE	1 0.61	ARMY	ONE-NINTH SCALE TARGET OF A SOVIET MIG-27.
FQM-117C	RS SYSTEMS	NONE	1 0.61	ARMY	ONE-NINTH SCALE TARGET OF AN F-16.
LGM-118A	MARTIN MARIETTA	PEACEKEEPER	4 3 SOLID 1 LIQUID	AF	ICBM WITH MIRV WARHEAD. FORMERLY KNOWN AS MX.
MGM-118A	MARTIN MARIETTA	PEACEKEEPER	4 3 SOLID 1 LIQUID	AF	MOBILE LAUNCHED VERSION OF THE PEACEKEEPER TRANSPORTED AND STORED ON TRAINS.
AGM-119A	KONGSBERG NORWAY	PENGUIN	1 P/N 38441507	AF/NATO	REPROGRAMMED TRAJECTORY MISSILE WITH PASSIVE IR SEEKER GUIDANCE.
AGM-119B	NORSK FORSVARSTEKNOLOG	PENGUIN	1 SOLID	NAVY	AGM-119A MODIFIED WITH DIFFERENT WARHEAD, FUZE, FUZE BOOSTER, ROCKET MOTOR USED FOR HELICOPTER LAUNCHING.

# MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
CATM-119B	NAV SURVIVANCE DIV INDIAN HEAD	PENGUIN	1 BALLASTED DUMMY	NAVY	CAPTIVE CARRY INERT TRAINING VERSION OF THE AGM-119B.
AIM-120A	HUGHES	NONE	1	AF/NAVY	ADVANCED MEDIUM-RANGE AIR-TO-AIR MISSILE (AMRAAM) USED ON FIGHTER AIRCRAFT FOR BEYOND VISUAL RANGE COMBAT.
CATM-120A	HUGHES	NONE		AF/NAVY	LOAD TRAINING CAPTIVE CARRY VERSION OF AIM-120A.
DATM-120A	HUGHES	NONE		AF/NAVY	EOD TRAINING VERSION OF AIM-120A.
YAIM-120A	HUGHES	NONE	1	AF/NAVY	PROTOTYPE AIM-120A.
AIM-120B	HUGHES/ RAYTHEON	NONE	1 SOLID ROCKET	AF/NAVY	IMPROVED VERSION OF AIM-120A.
CATM-120B	HUGHES	NONE	N/A	AF/NAVY	INERT VERSION OF AIM-120B FOR LOADING AND CAPTIVE CARRY TRAINING.
AIM-120C	HUGHES/ RAYTHEON	NONE	1 SOLID ROCKET	AF/NAVY	COMPRESSED CARRIAGE VERSION OF AIM-120B.
CATM-120C	HUGHES	NONE	N/A	AF/NAVY	INERT VERSION OF AIM-120C FOR LOADING AND CAPTIVE CARRY TRAINING.
YCGM-121A	BOEING	NONE	1 CUYUNA EAGLE 2 CYCLE RECIP	AF	SINGLE, SURFACE-TO-SURFACE, MEDIUM RANGE, ATTACK MISSILE.
YCGM-121B	BOEING	NONE	2 CYCLE/28 H.P.	AF	PROTOTYPE MINI-DRONE, EMITTER ATTACK, AUTONOMOUS WEAPON SYSTEM FOR THE SUPPRESSION OF ENEMY AIR DEFENSES.

# MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
AGM-122A	NAVAL WEAPONS CENTER	NONE	1 MK-36 MOD II	NAVY	AIR-TO-SURFACE MISSILE DESIGNED TO ATTACK ENEMY RADAR DIRECTED AIR DEFENSE SYSTEM.
ATM-122A	NAVAL WEAPON STN SEAL BEACH	NONE	1 MK36 MOD12	USMC	AIR-TO-GROUND MISSILE USED IN FLEET WEAPON TRAINING EXERCISES.
CATM-122A	MOTOROLA INC.	NONE	NONE	NAVY	AIR TRAINING VERSION OF THE AGM-122A.
AGM-122B	TBD	NONE	1 MK36 MOD 8/MOD 10	NV/MC	AGM-122A WITH A NEWLY DEVELOPED GUIDANCE CONTROL SYSTEM WHICH INCORPORATES ELECTRICALLY ERASEABLE PROGRAMMABLE READ ONLY MEMORY BOARDS.
CATM-122B	TBD	NONE		USMC	CAPTIVE AIR TRAINING VERSION OF THE AGM-122B.
AGM-123A	NAVAL WEAPONS CENTER	NONE	1 WPU-5/B	NAVY	LASER GUIDED MISSILE.
AGM-123B	TEXAS INSTRUMENT	NONE	1 WPU-5/B	NAVY	LASER GUIDED AIR-TO-SURFACE MISSILE.
AGM-124A	HUGHES	NONE	1	AF	ANTIARMOR AIR-TO-SURFACE MISSILE.
RUM-125A	BOEING	NONE	1 EX116 MOD 0	NAVY	SHIP LAUNCHED UTILITY MISSILE WITH NUCLEAR DEPTH BOMB PAYLOAD CAPABILITY.
UUM-125A	BOEING	NONE	1 EX116 MOD 0	NAVY	ANTISUBMARINE WARFARE STANDOFF WEAPON (ASWSOM) WITH PAYLOAD CAPABILITY FOR ADVANCE LIGHTWEIGHT TORPEDO (ALWT) OR NUCLEAR DEPTH BOMB (NDB).

# MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
RUM-125B	BOEING	NONE	1 EX116 MOD 0	NAVY	SHIP LAUNCHED UTILITY MISSILE WITH MK50 TORPEDO PAYLOAD CAPABILITY.
UUM-125B	BOEING	NONE	1 EX116 MOD 0	NAVY	SUBMARINE LAUNCHED UTILITY MISSILE WITH MK-50 TORPEDO PAYLOAD CAPABILITY.
BGM-126A	BEECH	NONE	1 TRI 60-3/097 TURBOJET	NAVY	TARGET WHICH PROVIDES A COMPLETE GROUND AND AIR LAUNCHED VARIABLE SPEED TARGET MISSILE SYSTEM.
YBQM-126A	TBD	NONE	1 TBD (TURBOJECT)	NAVY	SUPERSONIC SUBSCALE TARGET WITH SURFACE OR TACTICAL AIRCRAFT LAUNCH CAPABILITY.
YAQM-127A	TBD	NONE	1 TBD	NAVY	SUPERSONIC LOW ALTITUDE MISSILE TARGET (DRONE).
YAQM-128A	TBD	NONE	1 TBD	NAVY	AIR-LAUNCHED, NONRECOVERABLE SUPERSONIC SUBSCALE AERIAL TARGET.
AGM-129A	GENERAL DYNAMICS	NONE	1 F112-WR-100	AF	ADVANCED CRUISE MISSILE (ACM).
AGM-129B	GENERAL DYNAMICS CONVAIR DIV	NONE	1 AXIAL FLOW TURBOFAN	AF	AGM-129A MODIFIED WITH STRUCTURAL AND SOFTWARE CHANGES AND AN ALTERNATE NUCLEAR WARHEAD FOR ACCOMPLISHING A CLASSIFIED CRUISE MISSILE MISSION.
AGM-130A	ROCKWELL	NONE	1 WPU-9/B	AF	ROCKET BOOSTED HARD TARGET ATTACK VERSION OF GBU-15 WEAPON (TV GUIDED).
CATM-130A	ROCKWELL	NONE		AF	TRAINING VERSION OF AGM-130A DESIGNED FOR CAPTIVE/CARRY FLIGHT.

MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
DATM-130A	ROCKWELL	NONE		AF	TRAINING VERSION OF AGM-130A DESIGNED FOR LAND CREW AND EXPLOSIVE ORDNANCE DISPOSAL TRAINING.
AGM-130B	ROCKWELL	NONE	1 WPU-9/B	AF	ROCKET BOOSTED HARD TARGET ATTACK VERSION OF GBU-15 WEAPON (TV GUIDED).
AGM-130C	ROCKWELL	NONE	1 WPU-9/B	AF	AGM-130A WITH IMPROVED HARDENED TARGET PENETRATION CAPABILITY.
AGM-131A	BOEING	NONE	NONE	AF	AIR-TO-SURFACE MISSILE CAPABLE OF PENETRATING TARGETS BY USING VARIOUS APPROACH TRAJECTORIES AND VELOCITIES (SRAM II).
XAGM-131A	TBD	NONE	1 TBD	AF	UNKNOWN - FOR OFFICIAL USE ONLY.
AGM-131B	BOEING	NONE		AF	TACTICAL VERSION OF THE SRAM II. AGM-131A WILL BE CARRIED ON B-52'S, B-1'S, AND B-2'S. AGM-131B WILL BE CARRIED ON F-15E'S.
YAIM-132A	GERMANY ENGLAND	NONE	1 SOLID FUEL ROCKET MOTOR	AF	SHORT-RANGE AIR-TO-AIR MISSILE DESIGNED TO BE EFFECTIVE AGAINST A WIDE VARIETY OF TARGETS. MANUFACTURED BY BODENSEEWERK GERAETETECHNIK INC. & BRITISH AEROSPACE DYNAMICS INC.
UGM-133A	LOCKHEED	TRIDENT II	3 SOLID FUEL ROCKET	NAVY	TRIDENT II MISSILE CAPABLE OF DELIVERING MULTIPLE WARHEADS TO SELECTED TARGET.
XWGM-134A	TBD	NONE	3 TBD	AF	SMALL ICBM THREE SOLID STAGE USING ADVANCED PEACEKEEPER INERTIAL GUIDANCE AND CONTROL SYSTEM.

# MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
ASM-135A	BOEING/ LTV AEROSPACE	NONE	2 ONE XSR-75-LP-1 ONE ALTAIR 20B	AF	AIR-LAUNCHED ANTI SATELLITE MISSILE WITH INFRARED-SEEKING HYPERKINETIC VELOCITY WARHEAD.
CASM-135A	BOEING/ LTV AEROSPACE	NONE	2 ONE XSR-75-LP-1 ONE ALTAIR 20B	AF	CAPTIVE CARRY VERSION OF ASM-135A WITH WARHEAD SIMULATOR AND INERT MOTORS.
AGM-136A	NORTHROP	NONE		AF	UNMANNED AIR VEHICLE SYSTEM FOR AUTONOMOUS ATTACK OF SELECTED EMITTING SYSTEMS.
ATM-136A	NORTHROP	NONE		AF	APPEARANCE OF A STANDARD, FULL SIZE AGM-136A, EXCEPT FOR SEE-THRU PANELS FOR PYRO VIEWING LOCATIONS.
DATM-136A	NORTHROP	NONE		AF	DUMMY AGM-136A USED FOR TRAINING.
BGM-136B	TBD	NONE		AF	GROUND-LAUNCHED VERSION OF THE AGM-136A.
AGM-137A	NORTHROP	NONE	1 F122-WR-100	AF/NAVY	LOW-OBSERVABLE STAND-OFF CONVENTIONAL CRUISE MISSILE.
MGM-137B	NORTHROP	NONE	1 F122-WR-100	ARMY	GROUND LAUNCHED LOW-OBSERVABLE STAND-OFF CONVENTIONAL CRUISE MISSILE.
YCEN-138A	BOEING	NONE	1	AF	UNMANNED GROUND-LAUNCHED AUTONOMOUS MINI-DRONE WEAPON PROTOTYPE EQUIPPED WITH A RADAR JAMMING PAYLOAD CAPABLE OF DISRUPTING AIR DEFENSE ACQUISITION RADARS.
RTM-139A	LORAL DEFENSE SYSTEMS	NONE	1 MK 114 MOD 0	NAVY	SHIP-LAUNCHED TRAINING MISSILE FOR THE RUM-139A.
RUM-139A	LORAL SYSTEMS GROUP	NONE	1 EX-114 MOD 0	NAVY	ALL WEATHER, QUICK REACTION ANTISUBMARINE WARFARE MISSILE DESIGNED TO BE VERTICALLY LAUNCHED FROM SURFACE SHIPS.

# MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
DRUM-139A	LORAL DEFENSE SYSTEMS	NONE	1 MK-114 MOD 0	NAVY	DUMMY MISSILE USED TO PROVIDE HANDS-ON LABORATORY TRAINING FOR THE RUM-139A.
MGM-140A	USAMICOM	NONE		ARMY	MOBILE LAUNCHED GROUND ATTACK MISSILE WITH INERTIAL GUIDANCE SYSTEM.
MGM-140B	LORAL/VOUGHT	NONE	1 M-124	ARMY	MGM-140A MODIFIED FOR SELF GUIDANCE USING A GPS NAVIGATION SYSTEM, DISPENSES BOMBLETS AT A PREDETERMINED LOCATION.
ADM-141A	BRUNSWICK DEFENSE CORP	NONE		NAVY	AIR LAUNCHED DECOY WITH PASSIVE RADAR REFLECTOR USED TO CREATE A FALSE RADAR IMAGE.
ADM-141B	BRUNSWICK DEFENSE CORP	NONE		NAVY	AIR LAUNCHED DECOY WHICH DISPENSES CHAFF TO CREATE A FALSE RADAR IMAGE.
ADM-141C	BRUNSWICK/ISRAELI MILITARY	NONE	1 TELEDYNE CAE 312 GAS TURBINE	NAVY	ADM-141A MODIFIED WITH TURBOJET PROPULSION AND GROUND CLEARANCE CAPABILITY.
AGM-142A	RAFAEL	NONE	1	AF	ROCKET POWERED AIR-TO-SURFACE GUIDED MISSILE INTENDED TO ATTACK FIXED/MOBILE, HIGH VALUE SOFT TARGETS (HAVE NAP).
ATM-142A	RAFAEL	NONE		AF	TRAINING VERSION OF AGM-142A (HAVE NAP).
CATM-142A	RAFAEL	NONE		AF	TRAINING VERSION OF THE AGM-142A, DESIGNED FOR CAPTIVE CARRY (HAVE NAP).
DATM-142A	RAFAEL	NONE		AF	DUMMY VERSION OF AGM-142A USED FOR GROUND MAINTENANCE TRAINING (HAVE NAP).

# MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
AGM-142B	RAFAEL	NONE	1 WPU-14/B	AF	AGM-142A EQUIPPED WITH IIR SEEKER AND BLAST/FRAGMENTATION WARHEAD (HAVE NAP).
AGM-142C	RAFAEL	NONE	1 WPU-14/B	AF	AGM-142A EQUIPPED WITH TV SEEKER AND PENETRATOR WARHEAD (HAVE NAP).
AGM-142D	RAFAEL	NONE	1 WPU-14/B	AF	AGM-142A EQUIPPED WITH IIR SEEKER AND PENETRATOR WARHEAD (HAVE NAP).
MQM-143A	USAMICOM	NONE		ARMY	ONE-FIFTH SCALE DRONE OF A SOVIET MIG-27.
BQM-145A	TELEDYNE RYAN	PEREGRINE	1 CAE 382-10	AF/NAVY	RECONNAISSANCE DRONE CAPABLE OF FLYING PREPROGRAMMED OR DYNAMIC MISSION PROFILES UP TO 350 NAUTICAL MILES FROM LAUNCH POINT.
MIM-146A	MARTIN MARIETTA	NONE		ARMY	SUPERSONIC, LASER BEAM RIDER MISSILE USED TO ATTACK LOW-FLYING FIXED WING, AND UNMANNED AIRBORNE VEHICLES.
DMTM-146A	MARTIN MARIETTA	NONE		ARMY	DUMMY TRAINING VERSION OF MIM-146A.
BQM-147A	RPV INDUSTRIES	NONE	1 5.8 CU IN. SACHS DOLMER 2 CYCLE	NAVY/MAR	REMOTELY/AUTOMATICALLY PILOTED VEHICLE CAPABLE OF SPEEDS OF 48-100 MILES PER HOUR WHILE CARRYING A 25 POUND PAYLOAD.
FGM-148A	TEXAS INSTRUMENT MARTIN MARIETTA	NONE	1 ROCKET MOTOR	ARMY	MANPORTABLE ANTITANK WEAPON SYSTEM.
YPQM-149A	TBD	TBD	TBD	ARMY/NAVY	UNMANNED SHORT RANGE VEHICLE USED FOR RECONNAISSANCE, SURVEILLANCE, TARGET ACQUISITION.



# MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
YPQM-150A	TBD	TBD	TBD	ARMY/NAVY	UNMANNED SHORT RANGE VEHICLE USED FOR RECONNAISSANCE, SUEVILLANCE, TARGET ACQUISITION.
FQM-151A	AERO VIRONMENT	NONE	1 300 WATT ELECTRIC MOTOR	NAVY/MAR	INDIVIDUALLY-LAUNCHED DRONE USED FOR RECONNAISSANCE AND TARGET ACQUISITION. ELECTRICALLY POWERED AIR VEHICLE CONSTRUCTED OF COMPOSITE MATERIALS.
YAIM-152A	TBD	NONE	TBD	NAVY	HIGH ENERGY AIR-LAUNCHED PROTOTYPE MISSILE USED FOR INTERDICTION.
AGM-154A	TEXAS INSTRUMENT	TBD		AF/NAV/MA	JOINT STANDOFF WEAPON (JSOW). AIR-TO-GROUND WEAPON DESIGNED TO ATTACK A VARIETY OF TARGETS DURING DAY, NIGHT, OR ADVERSE WEATHER CONDITIONS.
AGM-154B	TEXAS INSTRUMENT	TBD		NAV/AF/MA	JSOW VARIANT WITH GUIDANCE SYSTEM, BLU-108/B DISPENSE SYSTEM, DEPLOYABLE WINGS, CONTROLLABLE AND FIXED FINS, AND AN ALL-UP-AROUND PRIMARY COMPUTER.
AGM-154C	TEXAS INSTRUMENT	TBD		NAVY/MAR	JSOW VARIANT WITH GUIDANCE SYSTEM, SEEKER, UNITARY WARHEAD, MAN-IN-THE-LOOP DATA LINK, DEPLOYABLE WINGS, CONTROLLABLE AND FIXED FINS, AND AN ALL-UP-AROUND PRIMARY COMPUTER. NOT A DISPENSER.
BQM-155A	TRW/IAI	NONE	2 MOTO GUZZI V75	ARMY/MAR	UNMANNED AIR VEHICLE USED FOR RECONNAISSANCE, SUEVILLANCE, TARGET ACQUISITION TO 150 KILOMETERS BEYOND FORWARD LINE OF OWN TROOPS.
RIM-156A	RAYTHEON/HUGHES	NONE	1	NAVY	VERTICALLY LAUNCHED SURFACE-TO-AIR AND SURFACE-TO-SURFACE GUIDED MISSILE. MID-COURSE COMMAND GUIDANCE AND TERMINAL ACTIVE OR PASSIVE HOMING.

MISSILE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
YMGH-157A	TBD	NONE	TBD	ARMY	TACTICAL MISSILE UTILIZING A FIBER OPTIC DATA LINK TO ENGAGE AND DEFEAT HIGH VALUE GROUND TARGETS.

# PROBE SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
PWN-8B	SPACE DATA CORPORATION	NONE	1 SR-71-AD-1	AF	ROCKET BORNE SYSTEM TO CARRY METEOROLOGICAL SOUNDING INSTRUMENTS ALOFT.
PWN-10A	SPACE DATA CORPORATION	NONE	1 SR-110-AD-1	AF	ROCKETBORNE METEOROLOGICAL SOUNDING SYSTEM. CARRIES TRANSPONDER SOUNDING INSTRUMENT TO 240,000 FT WHICH TRANSMITS ATMOSPHERIC DATA WHILE RETURNING TO EARTH BY PARACHUTE.
PWN-10B	SPACE DATA CORPORATION	NONE	1 SR-110-AD-1	AF	MODIFIED PWN-10A. RANGING RECEIVER NOT INCLUDED IN TELEMETRY PAYLOAD.
PWN-11A	SPACE DATA CORPORATION	NONE	1 SR-110-AD-1	AF	ROCKETBORNE SYSTEM USED TO CARRY ATMOSPHERIC STUDY INSTRUMENTS TO 240,000 FT. INSTRUMENT TRANSMITS ATMOSPHERIC DATA WHILE RETURNING TO EARTH BY PARACHUTE.
PWN-12A	SPACE DATA CORPORATION	NONE	1 SR-110-AD-1 AERO DYNE CORP.	AF	ROCKETBORNE METEOROLOGICAL SOUNDING SYSTEM USED TO CARRY BALLON RADAR TARGET ML-568/AM TO 300,000 FT. PAYLOAD INFLATES, DESCENDS, AND IS TRACKED BY RADAR TO PROVIDE ATMOSPHERIC DENSITY DATA.

# ROCKET SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
MGR-1A	EMERSON/ DOUGLAS	HONEST JOHN		ARMY	FREE FLIGHT, SOLID PROPELLANT, FIELD ARTILLERY ROCKET (762MM).
MGR-1B	MCDONNELL DOUGLAS	HONEST JOHN		ARMY	UPGRADED MGR-1A.
ATR-2A	MCDONNELL DOUGLAS	GENIE		AF	NONE.
ATR-2B	MCDONNELL DOUGLAS	GENIE	1 SR-49-TC-1	AF	UNGUIDED AIR-TO-AIR ROCKET DETONATED BY LAUNCHING AIRCRAFT.
RUR-4A	TBD	WEAPON ALPHA		NAVY	NONE.
RUR-5A	TBD	ASROC		NAVY	NONE.
RUR-5B	MULTI- MANUFACTURER	ASROC	1 SOLID PROPELLANT GRAIN	NAVY	MODIFIED RUR-5.
RUR-5C	MULTI- MANUFACTURER	ASROC	1 SOLID PROPELLANT GRAIN	NAVY	MODIFIED RUR-5.
RUR-5D	MULTI- MANUFACTURER	ASROC	1 SOLID PROPELLANT GRAIN	NAVY	MODIFIED RUR-5.
RUR-5E	MULTI- MANUFACTURER	ASROC	1 SOLID PROPELLANT GRAIN	NAVY	MODIFIED RUR-5.
RUR-5F	MULTI- MANUFACTURER	ASROC	1 SOLID PROPELLANT GRAIN	NAVY	RUR-5A MODIFIED TO UTILIZE NEW SAFETY DEVICES AND SHIELDED CABLE ASSEMBLIES.

# ROCKET SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
ADR-8A	REVERE COPPER AND BRASS	NONE		AF	NONE.
XAGR-14A	TBD	ZAP		NAVY	NONE.
MTR-15A	USAMTCOM	NONE	3 MK40 MOD 3	ARMY	TARGET ROCKET VEHICLE FOR TRAINING IN DEFENSE AGAINST AIRCRAFT/MISSILE ATTACK.
MQR-16A	TBD	NONE		NAVY	AERIAL TARGET WITH INFRARED AUGMENTATION THAT SIMULATES REDEYE BALLISTIC FLIGHT PROFILE.
XFGR-17A	GENERAL DYNAMICS	VIPER	1 5774669	ARMY	PORTABLE, SHOULDER FIRED, UNGUIDED ROCKET USED AS LIGHT TANK WEAPONS.
DGTR-18A	NAVAL ORDNANCE STATION	SMOKEY SAM		NAVY	INERT TRAINING ROCKET USED AS SUBSTITUTE FOR LIVE ROCKET UNITS DURING MAINTENANCE AND OPERATIONAL TRAINING.

# SATELLITE SERIES

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
WS-1A	GENERAL ELECTRIC	DMSP 5D-2		DOD	METEOROLOGICAL SATELLITE.
WS-1B	GENERAL ELECTRIC	DMSP 5D-3		DOD	MODIFIED WS-1A.
WS-2A	TBD	DMSP 6		DOD	METEOROLOGICAL SATELLITE.
LS-3A	TRW/AESC	DSP		DOD	DEFENSE SUPPORT SYSTEM SATELLITE.
LS-3B	TRW/AESC	DSP-1		DOD	MODIFIED LS-3A.
ES-4A	TRW	DSCS II		DOD	DEFENSE SATELLITE COMMUNICATION SYSTEM (DSCS II), COMMUNICATION SATELLITE USED FOR C3.
ES-5A	GENERAL ELECTRIC	DSCS III		DOD	DEFENSE SATELLITE COMMUNICATION SYSTEM (DSCS III), COMMUNICATION SATELLITE USED FOR C3.
LS-6A	TBD	BSTS		DOD	BOOST SURVEILLANCE AND TRACKING SYSTEM SATELLITE.
NS-7A	ROCKWELL	GPS I		DOD	NAVSTAR GLOBAL POSITIONING SYSTEM SATELLITE USED FOR NAVIGATION.
NS-7B	ROCKWELL	GPS II		DOD	MODIFIED NS-7A.
NS-7C	ROCKWELL	GPS IIA		DOD	MODIFIED NS-7B.
NS-7D	ROCKWELL	GPS IIR		DOD	MODIFIED NS-7C.

SATELLITE SERIES (CONTINUED)

MDS	MANUFACTURER	POPULAR NAME	ENGINE DATA	DEPARTMENT	DESCRIPTION
ES-8A	LOCKHEED	MILSTAR		DOD	COMMUNICATIONS SATELLITE USED FOR C3.

APPENDIX C  
ALPHABETICAL LISTING OF APPROVED POPULAR NAMES

POPULAR NAME	MODEL DESIGNATION	DEPARTMENT
ACADEME	C-4A	CG
ACADEME	TC-4C	NAVY
AERO COMMANDER	U-9C	ARMY
AERO COMMANDER	U-9D	NAVY
AERO COMMANDER	RU-9D	ARMY
AGILE	AIM-95A	NAVY
ALBATROSS	HU-16E	CG
APACHE	AH-64A	ARMY
APACHE	YAH-64A	ARMY
APACHE	AH-64B	ARMY
APACHE	AH-64D	ARMY
AQUILA	YMQM-105A	ARMY
ASROC	RUR-5A	NAVY
ASROC	RUR-5B	NAVY
ASROC	RUR-5C	NAVY
ASROC	RUR-5D	NAVY
ASROC	RUR-5E	NAVY
ASROC	RUR-5F	NAVY
ATLAS II	SB-2A	AF
AVENGER	A-12A	NAVY
AZTEC	U-11A	NAVY
BEAVER	U-6A	AF/AR/NV
BLACK HAWK	EH-60A	ARMY
BLACK HAWK	MH-60A	ARMY
BLACK HAWK	UH-60A	AF/ARMY
BLACK HAWK	YEH-60B	ARMY
BLACK HAWK	EH-60C	ARMY
BLACK HAWK	UH-60C	ARMY
BLACK HAWK	MH-60K	ARMY
BLACK HAWK	MH-60L	ARMY
BLACK HAWK	UH-60L	ARMY
BLACK HAWK	UH-60M	ARMY
BLACK HAWK	UH-60P	ROK
BLACK HAWK	UH-60Q	ARMY
BOMARC	CQM-10B	AF/NAVY
BRONCO	OV-10A	AF/NAVY
BRONCO	YOV-10D	NAVY
BSTS	LS-6A	DOD
BUCKEYE	T-2B	NAVY
BUCKEYE	DT-2B	NAVY
BUCKEYE	YT-2B	NAVY
BUCKEYE	T-2C	NAVY
BULLDOG	AGM-83A	NAVY
BULLDOG	ATM-83A	NAVY
BULLPUP	AGM-12A	NAVY



POPULAR NAME	MODEL DESIGNATION	DEPARTMENT
BULLPUP	AGM-12B	NAVY
BULLPUP	AGM-12C	NAVY
BULLPUP TRAINER	ATM-12A	NAVY
BULLPUP TRAINER	ATM-12B	NAVY
CANBERRA	EB-57B	AF
CANBERRA	B-57C	AF
CANBERRA	B-57E	AF
CANBERRA	EB-57E	AF
CANBERRA	WB-57F	AF
CARDINAL	MQM-61A	ARMY
CARIBOU	C-7A	AF/ARMY
CARIBOU	YC-7A	ARMY
CARIBOU	RC-7B	ARMY
CAYUSE	OH-6A	ARMY
CENTAR	SSB-8A	AF
CHAPARRAL	MIM-72A	ARMY
CHAPARRAL	MIM-72B	ARMY
CHAPARRAL	MIM-72C	ARMY
CHAPARRAL	XMIM-72D	ARMY
CHAPARRAL	MIM-72E	ARMY
CHAPARRAL	MIM-72F	ARMY
CHAPARRAL	MIM-72G	ARMY
CHAPARRAL	MIM-72H	ARMY
CHAPARRAL	MIM-72J	ARMY
CHINOOK	CH-47D	ARMY
CHINOOK	MH-47D	ARMY
CHINOOK	MH-47E	ARMY
COBRA	AH-1G	ARMY/NAVY
COBRA	TH-1G	ARMY
COBRA/TOW	AH-1F	ARMY
COBRA/TOW	AH-1P	ARMY
COBRA/TOW	TH-1S	ARMY
COBRA/TOW	TAH-1S	ARMY
COCHISE	T-42A	ARMY
COMANCHE	RAH-66A	ARMY
CONDOR	AGM-53A	NAVY
CONDOR	AGM-53B	NAVY
CORSAIR II	A-7A	NAVY
CORSAIR II	NA-7A	NAVY
CORSAIR II	A-7B	NAVY
CORSAIR II	A-7C	NAVY
CORSAIR II	NA-7C	NAVY
CORSAIR II	TA-7C	NAVY
CORSAIR II	A-7D	AF
CORSAIR II	YA-7D	AF

POPULAR NAME	MODEL DESIGNATION	DEPARTMENT
CORSAIR II	A-7E	NAVY
CORSAIR II	NA-7E	NAVY
CORSAIR II	A-7G	NAVY/SWIS
CORSAIR II	A-7K	AF
CORSAIR II	EA-7L	NAVY
CORSAIR II	A-7P	NAVY/PORT
CORSAIR II	TA-7P	NAVY/PORT
CREEK	TH-67A	ARMY
CREEK	YTH-67A	ARMY
CRUSADER	RF-8G	NAVY
CRUSADER	F-8J	NAVY
CRUSADER	F-8K	NAVY
CRUSADER	DF-8L	NAVY
DELTA DAGGER	F-102A	AF
DELTA DAGGER	QF-102A	AF
DELTA DAGGER	TF-102A	AF
DELTA DAGGER	PQM-102A	AF
DELTA DAGGER	PQM-102B	AF
DELTA DART	F-106A	AF
DELTA DART	QF-106A	AF
DELTA DART	YQF-106A	AF
DELTA DART	F-106B	AF
DELTA DART	QF-106B	AF
DELTA DART	YQF-106B	AF
DELTA II	SB-3A	AF
DMSP 5D-2	WS-1A	DOD
DMSP 5D-3	WS-1B	DOD
DMSP 6	WS-2A	DOD
DOLPHIN	HH-65A	CG
DRAGONFLY	A-37B	AF
DRAGONFLY	NA-37B	AF
DRAGONFLY	OA-37B	AF
DSCS II	ES-4A	DOD
DSCS III	ES-5A	DOD
DSP	LS-3A	DOD
DSP-1	LS-3B	DOD
EAGLE	F-15A	AF
EAGLE	YF-15A	AF
EAGLE	F-15B	AF
EAGLE	NF-15B	AF
EAGLE	YF-15B	AF
EAGLE	F-15C	AF
EAGLE	F-15D	AF
EAGLE	F-15E	AF
EAGLE	F-15S	SAUDI

POPULAR NAME	MODEL DESIGNATION	DEPARTMENT
EXTENDER	KC-10A	AF
FALCON	AIM-4D	AF
FALCON	AIM-4F	AF
FALCON	AIM-4G	AF
FIGHTING FALCON	F-16A	AF
FIGHTING FALCON	NF-16A	AF
FIGHTING FALCON	YF-16A	AF
FIGHTING FALCON	F-16B	AF
FIGHTING FALCON	NF-16B	AF
FIGHTING FALCON	YF-16B	AF
FIGHTING FALCON	F-16C	AF
FIGHTING FALCON	NF-16C	AF
FIGHTING FALCON	RF-16C	AF
FIGHTING FALCON	F-16D	AF
FIGHTING FALCON	NF-16D	AF
FIGHTING FALCON	RF-16D	AF
FIGHTING FALCON	F-16N	NAVY
FIGHTING FALCON	TF-16N	NAVY
FIREBEE	BQM-34A	AF
FIREBEE	MQM-34D	ARMY
FIREBEE	BQM-34E	NAVY
FIREBEE	BQM-34F	AF
FIREBEE	AQM-34L	AF
FIREBEE	AQM-34M	AF
FIREBEE	AQM-34P	AF
FIREBEE	AQM-34R	AF
FIREBEE	BQM-34S	NAVY
FIREBEE	BQM-34T	NAVY
FIREBEE	AQM-34V	AF
FIREBOLT	XAQM-81A	AF
FIREBOLT	AQM-81B	NAVY
FLYING CLASSROOM	T-29B	NAVY
FLYING CLASSROOM	T-29C	NAVY
FOCUS I	AGM-87A	NAVY
FREEDOM FIGHTER	F-5A	AF
FREEDOM FIGHTER	F-5B	AF
GALAXY	C-5A	AF
GALAXY	C-5B	AF
GALAXY	C-5C	AF
GENIE	ATR-2A	AF
GENIE	AIR-2B	AF
GLOBEMASTER III	C-17A	AF
GOSHAWK	T-45A	NAVY
GOSHAWK	T-45B	NAVY
GPS I	NS-7A	DOD

POPULAR NAME	MODEL DESIGNATION	DEPARTMENT
GPS II	NS-7B	DOD
GPS IIA	NS-7C	DOD
GPS IIR	NS-7D	DOD
GREYHOUND	C-2A	NAVY
GRIFFIN	BGM-109G	AF
GUARDIAN	HU-25A	CG
GUARDIAN	HU-25B	CG
GUARDIAN	HU-25C	CG
GULFSTREAM	C-20J	ARMY
GULFSTREAM II	C-11A	CG
GULFSTREAM III	C-20A	AF
GULFSTREAM III	C-20B	AF
GULFSTREAM III	C-20C	AF
GULFSTREAM III	C-20D	NAVY
GULFSTREAM III	C-20E	ARMY
GULFSTREAM IV	C-20F	ARMY
GULFSTREAM IV	C-20G	NAVY
GULFSTREAM IV	C-20H	AF
HARM	AGM-88A	AF/NAVY
HARM	ATM-88A	AF/NAVY
HARM	CATM-88A	AF/NAVY
HARM	DATM-88A	AF/NAVY
HARM	AGM-88B	AF/NAVY
HARM	CATM-88B	AF/NAVY
HARM	DATM-88B	AF/NAVY
HARM	AGM-88C	NAVY
HARM	CATM-88C	AF/NAVY
HARPOON	AGM-84A	NAVY/AF
HARPOON	ATM-84A	NAVY
HARPOON	RGM-84A	NAVY
HARPOON	RTM-84A	NAVY
HARPOON	UGM-84A	NAVY
HARPOON	UTM-84A	NAVY
HARPOON	ZAGM-84A	NAVY
HARPOON	AGM-84B	NAVY/UK
HARPOON	ATM-84B	NAVY
HARPOON	RGM-84B	NAVY
HARPOON	RTM-84B	NAVY
HARPOON	UGM-84B	NAVY
HARPOON	UTM-84B	NAVY
HARPOON	AGM-84C	NAVY
HARPOON	ATM-84C	NAVY
HARPOON	RGM-84C	NAVY
HARPOON	RTM-84C	NAVY
HARPOON	UGM-84C	NAVY

POPULAR NAME	MODEL DESIGNATION	DEPARTMENT
HARPOON	UTM-84C	NAVY
HARPOON	AGM-84D	NAVY
HARPOON	ATM-84D	NAVY
HARPOON	RGM-84D	NAVY
HARPOON	RTM-84D	NAVY
HARPOON	UGM-84D	NAVY
HARPOON	UTM-84D	NAVY
HARPOON	CATM-84D	NAVY
HARPOON	NAEM-84D	NAVY
HARPOON	AGM-84E	NAVY
HARPOON	ATM-84E	NAVY
HARPOON	DATM-84E	NAVY
HARPOON	NAEM-84E	NAVY
HARRIER	AV-8A	NAVY
HARRIER	TAV-8A	NAVY
HARRIER	TAV-8B	NAVY
HARRIER	NTAV-8B	NAVY
HARRIER	AV-8C	NAVY
HARRIER	AV-8D	NAVY
HARRIER	AV-8S	SP NAVY
HARRIER II	AV-8B	NAVY
HARRIER II	NAV-8B	NAVY
HAWK	XMIM-23A	ARMY
HAWK	MIM-23B	NAVY/ARMY
HAWK	XMEM-23B	ARMY
HAWK	XMTM-23B	ARMY
HAWK	MEM-23C	ARMY
HAWK	MIM-23C	ARMY
HAWK	MEM-23D	ARMY
HAWK	MIM-23D	ARMY
HAWK	MEM-23E	ARMY
HAWK	MIM-23E	ARMY
HAWK	MEM-23F	ARMY
HAWK	MIM-23F	ARMY
HAWK	MIM-23G	ARMY
HAWK	MIM-23H	ARMY
HAWK	MIM-23J	ARMY
HAWK	MIM-23K	ARMY
HAWK	MIM-23L	ARMY
HAWK	MIM-23M	ARMY
HAWKER	C-29A	AF
HAWKEYE	TE-2A	NAVY
HAWKEYE	E-2B	NAVY
HAWKEYE	E-2C	NAVY
HAWKEYE	TE-2C	NAVY

POPULAR NAME	MODEL DESIGNATION	DEPARTMENT
HAWKEYE	YE-2C	NAVY
HELLFIRE	AGM-114A	ARMY
HELLFIRE	YAGM-114A	ARMY
HELLFIRE	AGM-114B	NAVY/MARN
HELLFIRE	YAGM-114B	NAVY
HELLFIRE	AGM-114C	ARMY
HELLFIRE	AGM-114D	ARMY
HELLFIRE	AGM-114E	NAVY
HELLFIRE	AGM-114F	ARMY
HELLFIRE	AGM-114G	ARMY
HELLFIRE	AGM-114H	ARMY
HELLFIRE	AGM-114J	ARMY
HELLFIRE	AGM-114K	NAVY
HELLFIRE	AGM-114L	ARMY
HERCULES	C-130A	AF
HERCULES	DC-130A	AF/NAVY
HERCULES	NC-130A	AF
HERCULES	RC-130A	AF
HERCULES	C-130B	AF
HERCULES	HC-130B	CG
HERCULES	NC-130B	AF
HERCULES	C-130D	AF
HERCULES	C-130E	AF
HERCULES	DC-130E	AF
HERCULES	EC-130E	AF/CG
HERCULES	MC-130E	AF
HERCULES	NC-130E	AF
HERCULES	WC-130E	AF
HERCULES	C-130F	NAVY
HERCULES	KC-130F	NAVY
HERCULES	LC-130F	NAVY
HERCULES	EC-130G	NAVY
HERCULES	C-130H	AF
HERCULES	DC-130H	AF
HERCULES	EC-130H	AF
HERCULES	HC-130H	AF/CG
HERCULES	LC-130H	ANG
HERCULES	MC-130H	AF
HERCULES	NC-130H	AF
HERCULES	WC-130H	AF
HERCULES	YMC-130H	AF
HERCULES	C-130J	AF
HERCULES	C-130K	UK
HERCULES	HC-130N	AF
HERCULES	HC-130P	AF

POPULAR NAME	MODEL DESIGNATION	DEPARTMENT
HERCULES	MC-130P	AF
HERCULES	EC-130Q	NAVY
HERCULES	KC-130R	NAVY
HERCULES	LC-130R	NAVY
HERCULES	C-130T	NAVY
HERCULES	KC-130T	NAVY
HERCULES	AC-130U	AF
HERCULES	EC-130V	CG
HONEST JOHN	MGR-1A	ARMY
HONEST JOHN	MGR-1B	ARMY
HORNET	A-18A	NAVY
HORNET	FA-18A	NAVY
HORNET	NFA-18A	NAVY
HORNET	RFA-18A	NAVY
HORNET	TFA-18A	NAVY
HORNET	F-18A	NAVY
HORNET	TF-18A	NAVY
HORNET	FA-18B	NAVY
HORNET	NFA-18B	NAVY
HORNET	FA-18C	NAVY
HORNET	NFA-18C	NAVY
HORNET	FA-18D	NAVY
HORNET	NFA-18D	NAVY
HORNET	F-18L	NAVY
HOUND DOG	AGM-28B	AF
HUEY/COBRA	AH-1E	ARMY
HUEY/COBRA	AH-1S	ARMY
HURON	C-12A	AF/ARMY
HURON	UC-12B	NAVY
HURON	C-12C	ARMY/AF
HURON	C-12D	AF/ARMY
HURON	RC-12D	ARMY
HURON	C-12E	AF
HURON	C-12F	AF
HURON	RC-12F	NAVY
HURON	UC-12F	NAVY
HURON	RC-12G	ARMY
HURON	RC-12H	ARMY
HURON	C-12J	AF
HURON	C-12L	ARMY
HURON	RC-12M	NAVY
HURON	UC-12M	NAVY
HURON	RC-12N	ARMY
HURON	RC-12P	ARMY
HURON	RC-12Q	ARMY

POPULAR NAME	MODEL DESIGNATION	DEPARTMENT
HURON	C-12R	ARMY
HURON	C-12S	ARMY
INTRUDER	A-6A	NAVY
INTRUDER	EA-6A	NAVY
INTRUDER	JA-6A	NAVY
INTRUDER	NA-6A	NAVY
INTRUDER	A-6B	NAVY
INTRUDER	A-6C	NAVY
INTRUDER	KA-6D	NAVY
INTRUDER	A-6E	NAVY
INTRUDER	NA-6E	NAVY
INTRUDER	A-6F	NAVY
IROQUOIS	UH-1E	NAVY
IROQUOIS	NUH-1E	NAVY
IROQUOIS	TH-1F	AF
IROQUOIS	UH-1F	AF
IROQUOIS	EH-1H	ARMY
IROQUOIS	HH-1H	AF
IROQUOIS	UH-1H	ARMY/NAVY
IROQUOIS	HH-1K	NAVY
IROQUOIS	TH-1L	NAVY
IROQUOIS	UH-1L	NAVY
IROQUOIS	HH-1N	NAVY
IROQUOIS	UH-1N	NAVY
IROQUOIS	NUH-1N	NAVY
IROQUOIS	UH-1P	AF
IROQUOIS	EH-1U	ARMY
IROQUOIS	UH-1V	ARMY
IROQUOIS	EH-1X	ARMY
IUS	SSB-7A	AF
JAYHAWK	T-1A	AF
JAYHAWK	CT-1B	ARMY
JET STAR	C-140A	AF
JET STAR	C-140B	AF
JOINT STARS	E-8C	AF
JOLLY GREEN GIANT	HH-3E	AF
KFIR C-1	F-21A	NAVY
KIOWA	OH-58A	ARMY/NAVY
KIOWA	OH-58C	ARMY
KIOWA WARRIOR	OH-58D	ARMY
LANCE	MGM-52B	ARMY
LANCE	MGM-52C	ARMY
LANCER	B-1B	AF
LIFTMASTER	C-118B	NAVY
MAVERICK	AGM-65A	AF



POPULAR NAME	MODEL DESIGNATION	DEPARTMENT
MAVERICK	AGM-65B	AF
MAVERICK	AGM-65D	AF
MAVERICK	AGM-65E	NAVY
MAVERICK	AGM-65F	NAVY
MAVERICK	CATM-65F	NAVY
MAVERICK	AGM-65G	NAVY
MAVERICK	AGM-65H	AF
MENTOR	T-34A	AF
MENTOR	T-34B	NAVY
MENTOR	T-34C	NAVY
MENTOR	NT-34C	NAVY
MENTOR	YT-34C	NAVY
MESCALERO	T-41A	AF
MESCALERO	T-41B	ARMY
MESCALERO	T-41C	AF
MESCALERO	T-41D	AF
MILSTAR	ES-8A	DOD
MINUTEMAN II	LGM-30B	AF
MINUTEMAN II	LGM-30F	AF
MINUTEMAN III	LGM-30G	AF
MOHAWK	OV-1A	ARMY
MOHAWK	OV-1B	ARMY
MOHAWK	JOV-1B	ARMY
MOHAWK	OV-1C	ARMY
MOHAWK	JOV-1C	ARMY
MOHAWK	OV-1D	ARMY
MOHAWK	RV-1D	ARMY
MOHAWK	JOV-1D	ARMY
MOHAWK	OV-1E	ARMY
MOHAWK	RV-1E	ARMY
NEPTUNE	DP-2E	NAVY
NEPTUNE	DP-2H	NAVY
NEPTUNE	EP-2H	NAVY
NEPTUNE	NP-2H	NAVY
NEPTUNE	SP-2H	NAVY
NIGHT HAWK	HH-60A	AF
NIGHT HAWK	HH-60D	AF
NIGHT HAWK	VH-60D	MARINE
NIGHT HAWK	HH-60E	AF
NIGHT HAWK	VH-60N	USMC
NIGHTHAWK	F-117A	AF
NIGHTINGALE	C-9A	AF
NIGHTINGALE	C-9C	AF
NIKE HERCULES	MIM-14A	ARMY
NIKE HERCULES	MIM-14B	ARMY

POPULAR NAME	MODEL DESIGNATION	DEPARTMENT
NIKE HERCULES	MIM-14C	ARMY
NONE	B-1A	AF
NONE	O-1A	AF
NONE	TR-1A	AF
NONE	SZ-1A	NAVY
NONE	TR-1B	AF
NONE	O-2A	AF
NONE	YEZ-2A	NAVY
NONE	O-2B	AF
NONE	U-2C	AF
NONE	TU-2C	AF
NONE	U-2R	AF
NONE	U-2S	AF
NONE	TU-2S	AF
NONE	TG-3A	AF
NONE	T-3A	AF
NONE	U-3A	AF/NAVY
NONE	U-3B	AF
NONE	E-4A	AF
NONE	TG-4A	AF
NONE	E-4B	AF
NONE	O-5A	ARMY
NONE	EO-5B	ARMY
NONE	C-6A	AF
NONE	E-6A	NAVY
NONE	TG-7A	AF
NONE	P-7A	NAVY
NONE	U-7A	AF
NONE	YA-7F	AF
NONE	E-8A	AF
NONE	RG-8A	ARMY
NONE	ADR-8A	AF
NONE	E-8B	AF
NONE	PWN-8B	AF
NONE	E-9A	AF
NONE	TG-9A	AF
NONE	OA-10A	AF
NONE	TG-10A	AF
NONE	PWN-10A	AF
NONE	U-10A	AF/ARMY
NONE	PWN-10B	AF
NONE	TG-11A	AF
NONE	PWN-11A	AF
NONE	PWN-12A	AF
NONE	XFV-12A	NAVY

POPULAR NAME	MODEL DESIGNATION	DEPARTMENT
NONE	RC-12K	ARMY
NONE	YC-14A	AF
NONE	YC-15A	AF
NONE	MTR-15A	ARMY
NONE	XV-15A	ARMY
NONE	MQR-16A	NAVY
NONE	AV-16A	NAVY
NONE	YC-17A	AF
NONE	C-18A	AF
NONE	C-18B	AF
NONE	EC-18B	AF
NONE	EC-18C	AF
NONE	EC-18D	AF
NONE	TC-18E	AF
NONE	TC-18F	NAVY
NONE	C-19A	AF
NONE	F-20A	FMS
NONE	UV-20A	ARMY
NONE	C-21A	AF
NONE	C-22A	AF
NONE	YF-22A	AF
NONE	CV-22A	AF
NONE	HV-22A	NAVY
NONE	MV-22A	MARINES
NONE	SV-22A	NAVY
NONE	C-22B	AF
NONE	F-22B	AF
NONE	HV-22B	NAVY
NONE	MV-22B	NAVY
NONE	C-23A	AF
NONE	YF-23A	AF
NONE	UV-23A	AF/ARMY
NONE	C-23B	ARMY
NONE	EC-24A	NAVY
NONE	X-24B	AF
NONE	VC-25A	AF
NONE	C-26A	ANG
NONE	U-26A	AF
NONE	X-26A	NAVY
NONE	C-26B	ANG
NONE	UC-26C	ANG
NONE	C-27A	AF
NONE	U-27A	ARMY/FMS
NONE	C-28A	NAVY
NONE	X-29A	ALL

POPULAR NAME	MODEL DESIGNATION	DEPARTMENT
NONE	X-30A	DOD/NASA
NONE	C-31A	ARMY
NONE	X-31A	NAVY
NONE	X-32C	JAST
NONE	C-33A	AF
NONE	MQM-33A	ARMY
NONE	MQM-33B	ARMY
NONE	MQM-33C	ARMY
NONE	MQM-33D	ARMY
NONE	MQM-36A	NAVY
NONE	X-36A	NASA
NONE	AQM-37A	NAVY
NONE	OT-37B	AF
NONE	AQM-37C	NAVY
NONE	AQM-37D	NAVY
NONE	RU-38A	CG
NONE	T-43A	AF
NONE	CT-43A	AF
NONE	T-44A	NAVY
NONE	T-46A	AF
NONE	AT-46A	FMS
NONE	T-47A	NAVY
NONE	OT-47B	AF
NONE	HH-52A	CG
NONE	TH-53A	AF
NONE	NCH-53A	AF
NONE	MH-53E	NAVY
NONE	NMH-53E	NAVY
NONE	HH-53H	AF
NONE	MH-53H	AF
NONE	YHH-53H	AF
NONE	MH-53J	AF
NONE	ZRGM-59A	NAVY
NONE	SR-71A	AF
NONE	SR-71B	AF
NONE	ZUGM-73A	NAVY
NONE	MQM-74A	NAVY
NONE	MQM-74B	NAVY
NONE	BQM-74C	NAVY
NONE	MQM-74C	NAVY
NONE	BQM-74D	ARMY
NONE	BQM-74E	NAVY
NONE	ZRIM-85A	NAVY
NONE	AGM-86B	AF
NONE	AGM-86C	AF

POPULAR NAME	MODEL DESIGNATION	DEPARTMENT
NONE	ZBQM-90A	NAVY
NONE	AQM-91A	AF
NONE	XGQM-93A	AF
NONE	YGQM-94A	AF
NONE	YGQM-94B	AF
NONE	XAIM-97A	AF
NONE	YGQM-98A	AF
NONE	RIM-101A	NAVY
NONE	XAQM-103A	AF
NONE	XBQM-106A	AF
NONE	XMQM-106A	AF
NONE	XBQM-106B	AF
NONE	XBQM-106C	AF
NONE	XBQM-108A	NAVY
NONE	FB-111A	AF
NONE	F-111A	AF
NONE	NF-111A	AF
NONE	F-111C	RAAF
NONE	F-111D	AF
NONE	F-111E	AF
NONE	F-111F	AF
NONE	F-111G	AF
NONE	XRIM-113A	NAVY
NONE	XRIM-116A	NAVY
NONE	XRTM-116A	NAVY
NONE	FQM-117A	ARMY
NONE	FQM-117B	ARMY
NONE	FQM-117C	ARMY
NONE	AIM-120A	AF/NAVY
NONE	CATM-120A	AF/NAVY
NONE	DATM-120A	AF/NAVY
NONE	YAIM-120A	AF/NAVY
NONE	AIM-120B	AF/NAVY
NONE	CATM-120B	AF/NAVY
NONE	AIM-120C	AF/NAVY
NONE	CATM-120C	AF/NAVY
NONE	YCQM-121A	AF
NONE	YCGM-121B	AF
NONE	AGM-122A	NAVY
NONE	ATM-122A	USMC
NONE	CATM-122A	NAVY
NONE	AGM-122B	NV/MC
NONE	CATM-122B	USMC
NONE	AGM-123A	NAVY
NONE	AGM-123B	NAVY

POPULAR NAME	MODEL DESIGNATION	DEPARTMENT
NONE	AGM-124A	AF
NONE	RUM-125A	NAVY
NONE	UUM-125A	NAVY
NONE	RUM-125B	NAVY
NONE	UUM-125B	NAVY
NONE	BGM-126A	NAVY
NONE	YBQM-126A	NAVY
NONE	YAQM-127A	NAVY
NONE	YAQM-128A	NAVY
NONE	AGM-129A	AF
NONE	AGM-129B	AF
NONE	AGM-130A	AF
NONE	CATM-130A	AF
NONE	DATM-130A	AF
NONE	AGM-130B	AF
NONE	AGM-130C	AF
NONE	AGM-131A	AF
NONE	XAGM-131A	AF
NONE	AGM-131B	AF
NONE	YAIM-132A	AF
NONE	XMGM-134A	AF
NONE	ASM-135A	AF
NONE	CASM-135A	AF
NONE	AGM-136A	AF
NONE	ATM-136A	AF
NONE	DATM-136A	AF
NONE	BGM-136B	AF
NONE	AGM-137A	AF/NAVY
NONE	MGM-137B	ARMY
NONE	EC-137D	AF
NONE	YCEM-138A	AF
NONE	RTM-139A	NAVY
NONE	RUM-139A	NAVY
NONE	DRUM-139A	NAVY
NONE	MGM-140A	ARMY
NONE	MGM-140B	ARMY
NONE	ADM-141A	NAVY
NONE	ADM-141B	NAVY
NONE	ADM-141C	NAVY
NONE	AGM-142A	AF
NONE	ATM-142A	AF
NONE	CATM-142A	AF
NONE	DATM-142A	AF
NONE	AGM-142B	AF
NONE	AGM-142C	AF

POPULAR NAME	MODEL DESIGNATION	DEPARTMENT
NONE	AGM-142D	AF
NONE	MQM-143A	ARMY
NONE	MIM-146A	ARMY
NONE	DMTM-146A	ARMY
NONE	BQM-147A	NAVY/MAR
NONE	FGM-148A	ARMY
NONE	FQM-151A	NAVY/MAR
NONE	YAIM-152A	NAVY
NONE	BQM-155A	ARMY/MAR
NONE	RIM-156A	NAVY
NONE	YMGM-157A	ARMY
ORION	P-3A	NAVY
ORION	EP-3A	NAVY
ORION	NP-3A	NAVY
ORION	RP-3A	NAVY
ORION	TP-3A	NAVY
ORION	UP-3A	NAVY
ORION	WP-3A	NAVY
ORION	NUP-3A	NAVY
ORION	P-3B	NAVY
ORION	EP-3B	NAVY
ORION	UP-3B	NAVY
ORION	P-3C	NAVY
ORION	NP-3C	NAVY
ORION	YP-3C	NAVY
ORION	NP-3D	NAVY
ORION	RP-3D	NAVY
ORION	EP-3J	NAVY
OSAGE	TH-55A	ARMY
OTTER	U-1A	ARMY
OTTER	NU-1B	NAVY
PAM D II	SSB-9A	AF
PATRIOT	MIM-104A	ARMY
PATRIOT	XMIM-104A	ARMY
PATRIOT	MIM-104B	ARMY
PATRIOT	MIM-104C	ARMY
PATRIOT	MIM-104D	ARMY
PAVE HAWK	HH-60G	AF
PAVE HAWK	MH-60G	AF
PEACEKEEPER	LGM-118A	AF
PEACEKEEPER	MGM-118A	AF
PEGASUS	ASB-11A	AF
PENGUIN	AGM-119A	AF/NATO
PENGUIN	AGM-119B	NAVY
PENGUIN	CATM-119B	NAVY

POPULAR NAME	MODEL DESIGNATION	DEPARTMENT
PEREGRINE	BQM-145A	AF/NAVY
PERSHING	XMGM-31A	ARMY
PHANTOM	QRF-4C	AF
PHANTOM	QF-4E	AF
PHANTOM	QF-4G	AF
PHANTOM II	F-4B	NAVY
PHANTOM II	QF-4B	NAVY
PHANTOM II	RF-4B	NAVY
PHANTOM II	F-4C	AF
PHANTOM II	NF-4C	AF
PHANTOM II	RF-4C	AF
PHANTOM II	NRF-4C	AF
PHANTOM II	F-4D	AF
PHANTOM II	NF-4D	AF
PHANTOM II	F-4E	AF/GAF
PHANTOM II	NF-4E	AF
PHANTOM II	YF-4E	AF
PHANTOM II	F-4G	AF
PHANTOM II	F-4J	NAVY
PHANTOM II	EF-4J	NAVY
PHANTOM II	YF-4J	NAVY
PHANTOM II	F-4K	NAVY/UK
PHANTOM II	F-4M	RAF
PHANTOM II	F-4N	NAVY
PHANTOM II	F-4S	NAVY
PHOENIX	AEM-54A	NAVY
PHOENIX	AIM-54A	NAVY
PHOENIX	ATM-54A	NAVY
PHOENIX	AEM-54B	NAVY
PHOENIX	ATM-54B	NAVY
PHOENIX	AIM-54C	NAVY
PHOENIX	XAIM-54C	NAVY
PHOENIX	YAIM-54C	NAVY
POLARIS	UGM-27A	NAVY
POLARIS	UGM-27B	NAVY
POLARIS	UGM-27C	NAVY
PROVIDER	C-123K	AF
PROVIDER	NC-123K	AF
PROVIDER	UC-123K	AF
PROWLER	EA-6B	NAVY
RAVEN	EF-111A	AF
REDEYE	FIM-43A	ARMY
REDEYE	FEM-43B	ARMY
REDEYE	FIM-43B	ARMY
REDEYE	FEM-43C	ARMY



POPULAR NAME	MODEL DESIGNATION	DEPARTMENT
REDEYE	FIM-43C	ARMY
REDEYE	FIM-43D	ARMY
REGULUS II	RGM-15A	NAVY
SABRE	QF-86H	NAVY
SABRELINER	T-39A	AF
SABRELINER	CT-39A	AF
SABRELINER	NT-39A	AF
SABRELINER	T-39B	AF
SABRELINER	T-39D	NAVY
SABRELINER	CT-39E	NAVY
SABRELINER	CT-39G	NAVY
SABRELINER	T-39N	NAVY
SAMARITAN	C-131B	AF
SAMARITAN	C-131D	AF
SAMARITAN	C-131E	AF
SAMARITAN	C-131F	NAVY
SAMARITAN	C-131G	NAVY
SAMARITAN	NC-131H	AF
SEA COBRA	AH-1J	NAVY
SEA COBRA	AH-1T	NAVY
SEA COBRA	JAH-1T	NAVY
SEA COBRA	AH-1W	NAVY
SEA HAWK	SH-60B	NAVY
SEA HAWK	NSH-60B	NAVY
SEA HAWK	YSH-60B	NAVY
SEA HAWK	SH-60F	NAVY
SEA HAWK	HH-60H	NAVY
SEA HAWK	HH-60J	NAVY
SEA KING	HH-3A	NAVY
SEA KING	SH-3A	NAVY
SEA KING	UH-3A	NAVY
SEA KING	NSH-3A	NAVY
SEA KING	NVH-3A	NAVY
SEA KING	CH-3B	NAVY
SEA KING	SH-3D	NAVY
SEA KING	CH-3E	AF
SEA KING	HH-3F	CG
SEA KING	SH-3G	NAVY
SEA KING	SH-3H	NAVY
SEA KING	UH-3H	NAVY
SEA KING	YSH-3J	NAVY
SEA KNIGHT	CH-46A	NAVY
SEA KNIGHT	HH-46A	NAVY
SEA KNIGHT	UH-46A	NAVY
SEA KNIGHT	NCH-46A	NAVY

POPULAR NAME	MODEL DESIGNATION	DEPARTMENT
SEA KNIGHT	CH-46D	NAVY
SEA KNIGHT	UH-46D	NAVY
SEA KNIGHT	CH-46E	NAVY
SEA KNIGHT	CH-46F	NAVY
SEA RANGER	TH-57A	NAVY
SEA RANGER	TH-57B	NAVY
SEA RANGER	TH-57C	NAVY
SEA SPARROW	AIM-7D	NAVY
SEA SPARROW	AIM-7E	NAVY
SEA SPARROW	ATM-7E	NAVY
SEA SPARROW	RIM-7F	NAVY
SEA SPARROW	YRIM-7F	NAVY
SEA SPARROW	RIM-7H	NAVY
SEA SPARROW	YRIM-7H	NAVY
SEA SPARROW	RIM-7M	NAVY
SEA STALLION	CH-53A	NAVY
SEA STALLION	CH-53D	NAVY
SEA STALLION	RH-53D	NAVY
SEA STALLION	NRH-53D	NAVY
SEAHAWK	SH-60R	NAVY
SEASPRITE	UH-2C	NAVY
SEASPRITE	HH-2D	NAVY
SEASPRITE	SH-2D	NAVY
SEASPRITE	YSH-2E	NAVY
SEASPRITE	SH-2F	NAVY
SEASPRITE	SH-2G	NAVY
SEASPRITE	YSH-2G	NAVY
SEMINOLE	U-8D	ARMY
SEMINOLE	RU-8D	ARMY
SEMINOLE	NU-8E	ARMY
SEMINOLE	U-8F	ARMY
SEMINOLE	U-8G	ARMY
SENTRY	E-3A	AF
SENTRY	KE-3A	SAUDI
SENTRY	E-3B	AF
SENTRY	KE-3B	SAUDI
SENTRY	E-3C	AF
SENTRY	JE-3C	AF
SENTRY	E-3D	UK
SERGEANT	MGM-29A	ARMY
SHILLELAGH	MGM-51A	ARMY
SHILLELAGH	MTM-51A	ARMY
SHILLELAGH	MGM-51B	ARMY
SHILLELAGH	MTM-51B	ARMY
SHILLELAGH	MGM-51C	ARMY

POPULAR NAME	MODEL DESIGNATION	DEPARTMENT
SHILLELAGH	MTM-51C	ARMY
SHOOTING STAR	T-33A	AF
SHOOTING STAR	NT-33A	AF
SHOOTING STAR	QT-33A	NAVY
SHRIKE	AGM-45A	AF/NAVY
SHRIKE	AGM-45B	AF/NAVY
SHRIKE	ATM-45B	AF/NAVY
SIDEWINDER	AIM-9B	NAVY
SIDEWINDER	AIM-9D	NAVY
SIDEWINDER	ATM-9D	NAVY
SIDEWINDER	AIM-9E	AF
SIDEWINDER	AIM-9G	NAVY
SIDEWINDER	ATM-9G	NAVY
SIDEWINDER	AIM-9H	NAVY
SIDEWINDER	AIM-9J	AF
SIDEWINDER	ZAIM-9K	NAVY
SIDEWINDER	AIM-9L	AF/NAVY
SIDEWINDER	DATM-9L	NAVY/AF
SIDEWINDER	AIM-9M	AF/NAVY
SIDEWINDER	CATM-9M	NAVY/AF
SIDEWINDER	NATM-9M	NAVY/AF
SIDEWINDER	AIM-9N	AF
SIDEWINDER	AIM-9P	AF
SIDEWINDER	AIM-9Q	NAVY
SIDEWINDER	AIM-9R	NAVY
SIDEWINDER	AIM-9S	NAVY
SKYHAWK	TA-4B	NAVY
SKYHAWK	A-4C	NAVY
SKYHAWK	A-4E	NAVY
SKYHAWK	NA-4E	NAVY
SKYHAWK	A-4F	NAVY
SKYHAWK	EA-4F	NAVY
SKYHAWK	NA-4F	NAVY
SKYHAWK	TA-4F	NAVY
SKYHAWK	NTA-4F	NAVY
SKYHAWK	TA-4J	NAVY
SKYHAWK	NTA-4J	NAVY
SKYHAWK	A-4L	NAVY
SKYHAWK	A-4M	NAVY
SKYHAWK	NA-4M	NAVY
SKYHAWK	OA-4M	NAVY
SKYRAIDER	EA-1E	NAVY
SKYTRAIN	C-47T	FMS (AF)
SKYTRAIN	C-117D	NAVY
SKYTRAIN	NC-117D	NAVY

POPULAR NAME	MODEL DESIGNATION	DEPARTMENT
SKYTRAIN	TC-117D	NAVY
SKYTRAIN II	C-9B	NAVY
SKYWARRIOR	A-3A	NAVY
SKYWARRIOR	NA-3A	NAVY
SKYWARRIOR	A-3B	NAVY
SKYWARRIOR	EA-3B	NAVY
SKYWARRIOR	KA-3B	NAVY
SKYWARRIOR	NA-3B	NAVY
SKYWARRIOR	RA-3B	NAVY
SKYWARRIOR	TA-3B	NAVY
SKYWARRIOR	UA-3B	NAVY
SKYWARRIOR	EKA-3B	NAVY
SKYWARRIOR	ERA-3B	NAVY
SKYWARRIOR	NRA-3B	NAVY
SMOKEY SAM	DGTR-18A	NAVY
SPARROW	CAEM-7E	AF/NAVY
SPARROW	CATM-7E	AF/NAVY
SPARROW	DATM-7E	NAVY
SPARROW	AIM-7F	AF/NAVY
SPARROW	ATM-7F	AF/NAVY
SPARROW	CAEM-7F	AF/NAVY
SPARROW	CATM-7F	AF/NAVY
SPARROW	DATM-7F	AF/NAVY
SPARROW	AIM-7M	AF/NAVY
SPARROW	ATM-7M	AF/NAVY
SPARROW	CAEM-7M	AF/NAVY
SPARROW	CATM-7M	AF/NAVY
SPARROW	DATM-7M	AF/NAVY
SPARROW	AIM-7N	NAVY
SPARROW	AIM-7P	NAVY
SPARROW	RIM-7P	NAVY
SPARROW	AIM-7R	NAVY
SPARROW	RIM-7R	NAVY
SPECTRE	AC-130A	AF
SPECTRE	AC-130H	AF
SPIRIT	B-2A	AF
SRAM	AGM-69A	AF
SRAM	AGM-69B	AF
STANDARD	YRIM-66A	NAVY
STANDARD	RIM-66B	NAVY
STANDARD	RIM-66C	NAVY
STANDARD	RGM-66D	NAVY
STANDARD	RTM-66D	NAVY
STANDARD	RGM-66E	NAVY
STANDARD	RIM-66E	NAVY

POPULAR NAME	MODEL DESIGNATION	DEPARTMENT
STANDARD	RIM-66G	NAVY
STANDARD	RIM-66H	NAVY
STANDARD	RIM-66J	NAVY
STANDARD	RIM-66K	NAVY
STANDARD	RIM-66L	NAVY
STANDARD	RIM-66M	NAVY
STANDARD	YRIM-67A	NAVY
STANDARD	YRQM-67A	NAVY
STANDARD	RIM-67B	NAVY
STANDARD	RIM-67C	NAVY
STANDARD	RIM-67D	NAVY
STANDARD ARM	AGM-78A	NAVY
STANDARD ARM	ATM-78A	NAVY
STANDARD ARM	AGM-78B	NAVY
STANDARD ARM	ATM-78B	NAVY
STANDARD ARM	AGM-78C	AF/NAVY
STANDARD ARM	ATM-78C	AF/NAVY
STANDARD ARM	AGM-78D	AF/NAVY
STANDARD ARM	ATM-78D	NAVY
STARFIGHTER	F-104G	AF
STARFIGHTER	TF-104G	AF
STARLIFTER	C-141A	AF
STARLIFTER	NC-141A	AF
STARLIFTER	C-141B	AF
STINGER	FIM-92A	ARMY
STINGER	XFIM-92B	ARMY
STINGER	FIM-92C	ARMY
STINGER	FIM-92D	ARMY
STRATOFORTRESS	NB-52A	AF
STRATOFORTRESS	NB-52B	AF
STRATOFORTRESS	B-52C	AF
STRATOFORTRESS	B-52D	AF
STRATOFORTRESS	NB-52D	AF
STRATOFORTRESS	B-52E	AF
STRATOFORTRESS	NB-52E	AF
STRATOFORTRESS	B-52F	AF
STRATOFORTRESS	B-52G	AF
STRATOFORTRESS	B-52H	AF
STRATOJET	EB-47E	NAVY
STRATOJET	NB-47E	NAVY
STRATOLIFTER	C-135A	AF
STRATOLIFTER	EC-135A	AF
STRATOLIFTER	NC-135A	AF
STRATOLIFTER	C-135B	AF
STRATOLIFTER	EC-135B	AF

POPULAR NAME	MODEL DESIGNATION	DEPARTMENT
STRATOLIFTER	OC-135B	AF
STRATOLIFTER	TC-135B	AF
STRATOLIFTER	WC-135B	AF
STRATOLIFTER	C-135C	AF
STRATOLIFTER	EC-135C	AF
STRATOLIFTER	C-135E	AF
STRATOLIFTER	EC-135E	AF
STRATOLIFTER	RC-135E	AF
STRATOLIFTER	C-135F	FRANCE
STRATOLIFTER	EC-135G	AF
STRATOLIFTER	EC-135H	AF
STRATOLIFTER	EC-135J	AF
STRATOLIFTER	EC-135K	AF
STRATOLIFTER	EC-135L	AF
STRATOLIFTER	RC-135M	AF
STRATOLIFTER	C-135N	AF
STRATOLIFTER	EC-135N	AF
STRATOLIFTER	EC-135P	AF
STRATOLIFTER	RC-135S	AF
STRATOLIFTER	TC-135S	AF
STRATOLIFTER	RC-135U	AF
STRATOLIFTER	RC-135V	AF
STRATOLIFTER	RC-135W	AF
STRATOLIFTER	TC-135W	AF
STRATOLIFTER	WC-135W	AF
STRATOLIFTER	RC-135X	AF
STRATOLIFTER	EC-135Y	AF
STRATOLINER	C-137B	AF
STRATOLINER	C-137C	AF
STRATOTANKER	KC-135A	AF
STRATOTANKER	NKC-135A	AF
STRATOTANKER	KC-135D	AF
STRATOTANKER	KC-135E	AF
STRATOTANKER	NKC-135E	AF
STRATOTANKER	KC-135Q	AF
STRATOTANKER	KC-135R	AF
STRATOTANKER	KC-135T	AF
STREAKER	MQM-107A	ARMY
STREAKER	MQM-107B	AF
STREAKER	MQM-107C	AF
STREAKER	MQM-107D	AF/ARMY
STREAKER	MQM-107E	AF/ARMY
SUBROC	UUM-44A	NAVY
SUPER JOLLY	HH-53B	AF
SUPER JOLLY	CH-53C	AF

POPULAR NAME	MODEL DESIGNATION	DEPARTMENT
SUPER JOLLY	HH-53C	AF
SUPER SABRE	F-100D	AF
SUPER SABRE	QF-100D	AF
SUPER SABRE	YQF-100D	AF
SUPER SABRE	F-100F	AF
SUPER SABRE	QF-100F	AF
SUPER STALLION	CH-53E	NAVY
SUPER STALLION	JCH-53E	NAVY
SUPER STALLION	YCH-53E	NAVY
TALON	T-38A	AF/NV/GAF
TALON	NT-38A	AF/NV/GAF
TALON	QT-38A	AF/NV/GAF
TALON	AT-38B	AF
TALON	T-38C	AF/NV/GAF
TALON	T-38N	NASA
TALOS	RGM-8H	NAVY
TALOS	RIM-8H	NAVY
TARHE	CH-54A	ARMY
TARHE	CH-54B	ARMY
TARTAR	RIM-24A	NAVY
TARTAR	RIM-24B	NAVY
TARTAR	RIM-24C	NAVY
TBD	F-22A	AF
TBD	C-32A	AF
TBD	X-32A	ARPA
TBD	X-32B	ARPA
TBD	X-35A	JAST
TBD	X-35B	JAST
TBD	X-35C	JAST
TBD	YPQM-149A	ARMY/NAVY
TBD	YPQM-150A	ARMY/NAVY
TBD	AGM-154A	AF/NAV/MA
TBD	AGM-154B	NAV/AF/MA
TBD	AGM-154C	NAVY/MAR
TERRIER	RIM-2A	NAVY
TERRIER	RIM-2B	NAVY
TERRIER	RIM-2C	NAVY
TERRIER	RIM-2D	NAVY
TERRIER	RIM-2E	NAVY
TERRIER	RIM-2F	NAVY
THUNDERBOLT II	A-10A	AF
THUNDERBOLT II	YA-10A	AF
THUNDERBOLT II	A-10B	AF
THUNDERBOLT II	YA-10B	AF
THUNDERCHIEF	F-105B	AF

POPULAR NAME	MODEL DESIGNATION	DEPARTMENT
THUNDERCHIEF	F-105D	AF
THUNDERCHIEF	F-105F	AF
THUNDERCHIEF	F-105G	AF
TIGER II	F-5E	AF
TIGER II	RF-5E	AF
TIGER II	F-5F	AF
TITAN 34D	SB-6A	AF
TITAN II	SB-4A	AF
TITAN II	LGM-25C	AF
TITAN IV	SB-5A	AF
TITAN IV	SB-5B	AF
TOMAHAWK	BGM-109A	NAVY
TOMAHAWK	BGM-109B	AF
TOMAHAWK	BGM-109C	NAVY
TOMAHAWK	RGM-109E	NAVY
TOMAHAWK	UGM-109E	NAVY
TOMAHAWK	AGM-109H	AF
TOMAHAWK	RGM-109H	NAVY
TOMAHAWK	UGM-109H	NAVY
TOMAHAWK	AGM-109K	AF
TOMAHAWK	AGM-109L	NAVY
TOMCAT	F-14A	NAVY
TOMCAT	NF-14A	NAVY
TOMCAT	F-14B	NAVY
TOMCAT	NF-14B	NAVY
TOMCAT	F-14C	NAVY
TOMCAT	NF-14D	NAVY
TOW	BGM-71A	ARMY
TOW	BTM-71A	ARMY
TOW	BGM-71B	ARMY
TOW	BTM-71B	ARMY
TOW	BGM-71C	ARMY
TOW	BGM-71D	ARMY
TOW	BGM-71E	ARMY
TOW	BGM-71F	ARMY
TOW	BGM-71G	ARMY
TRACER	E-1B	NAVY
TRACKER	TS-2A	NAVY
TRACKER	US-2A	NAVY
TRACKER	US-2B	NAVY
TRACKER	US-2C	NAVY
TRACKER	S-2D	NAVY
TRACKER	ES-2D	NAVY
TRACKER	US-2D	NAVY
TRACKER	S-2E	NAVY



POPULAR NAME	MODEL DESIGNATION	DEPARTMENT
TRACKER	S-2G	NAVY
TRACKER	YS-2G	NAVY
TRADER	C-1A	NAVY
TRANSTAGE	SSB-10A	AF
TRIDENT	UGM-96A	NAVY
TRIDENT II	UGM-133A	NAVY
TROJAN	T-28B	NAVY
TROJAN	T-28C	NAVY
TWEET	T-37B	AF/GAF
TWIN OTTER	UV-18A	ARMY
TWIN OTTER	UV-18B	AF
TYPHON (MR)	RIM-55A	NAVY
US ROLAND	XMIM-115A	ARMY
UTE	U-21A	ARMY
UTE	RU-21A	ARMY
UTE	RU-21B	ARMY
UTE	RU-21C	ARMY
UTE	RU-21D	ARMY
UTE	RU-21E	ARMY
UTE	U-21F	ARMY
UTE	U-21G	ARMY
UTE	RU-21H	ARMY
UTE	U-21J	ARMY
UTE	RU-21J	ARMY
VIGILANTE	RA-5C	NAVY
VIKING	S-3A	NAVY
VIKING	KS-3A	NAVY
VIKING	NS-3A	NAVY
VIKING	US-3A	NAVY
VIKING	S-3B	NAVY
VIPER	XFG-17A	ARMY
VOODOO	F-101B	AF
VOODOO	F-101F	AF
WARNING STAR	EC-121K	NAVY
WARNING STAR	NC-121K	NAVY
WEAPON ALPHA	RUR-4A	NAVY
ZAP	XAGR-14A	NAVY